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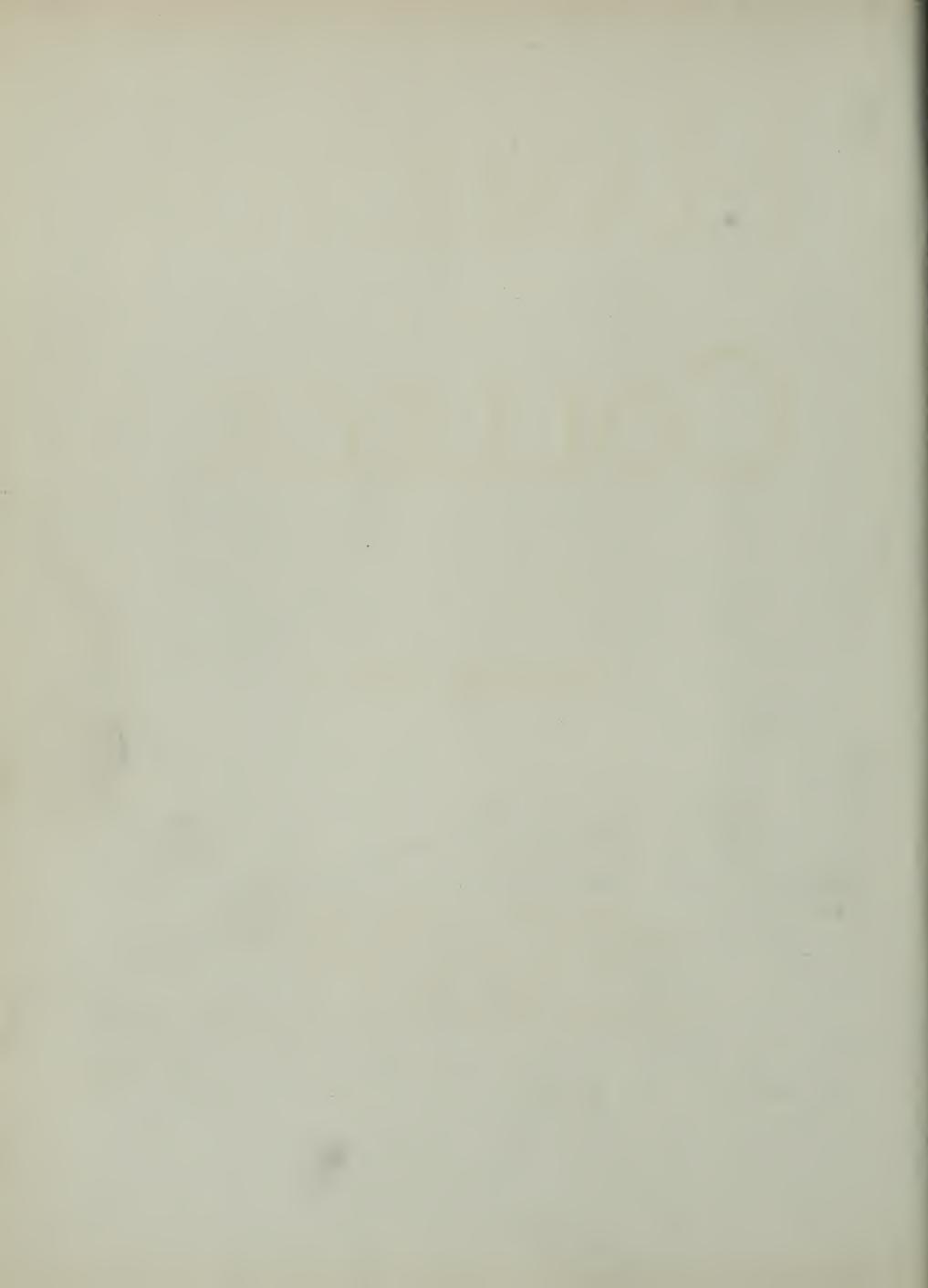
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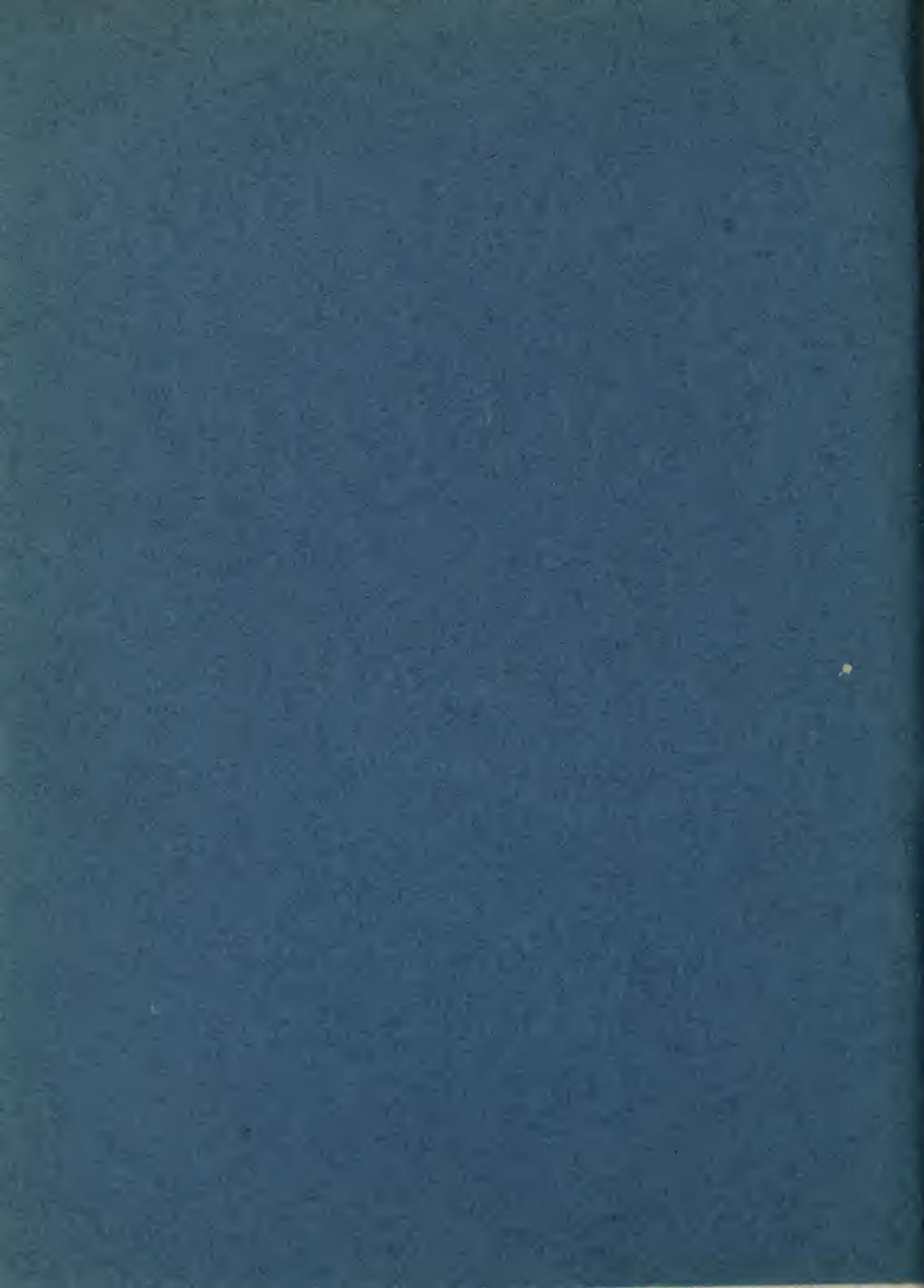


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HAMILTON COLLEGE

October, 1912

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101st Year

W.M. WILDERMAN

HAMILTON COLLEGE

Town of Kirkland County of Oneida State of New York

Post Office Clinton New York

ANNUAL REGISTER OF THE CORPORATION
OFFICERS AND STUDENTS WITH OUTLINE
OF COURSES OF STUDY AND GENERAL
INFORMATION FOR THE ACADEMIC YEAR

1912-1913

PUBLISHED BY THE COLLEGE
Clinton Oneida County New York

The Courier Press

1912

A.D.W.

CALENDAR FOR 1912-1913

1912.			
Sept.	19.	Thursday, 9 a. m.,	First Term opened.
Oct.	10.	Thursday, before noon,	Soper Prize Theses submitted.
Oct.	10.	Thursday, afternoon,	AUTUMN FIELD DAY.
Oct.	12.	Saturday, 9 a. m.,	Meeting of the Trustees.
Nov.	28.	Thursday...	THANKSGIVING DAY.
Dec.	20.	Friday, noon,...	Christmas Recess begins.
1913.			
Jan.	3.	Friday, 8:30 a. m.,	Holiday Recess ends.
Jan.	3.	Friday, before noon,	Head, Pruyn & Kirkland Orations submitted.
Jan.	27.	Monday,	Term Examinations begin.
Feb.	1.	Saturday, at 1 p. m.,	First Term closes.
Feb.	6.	Thursday, 9 a. m.,	Second Term opens.
Feb.	13.	Thursday,	Delinquent Examinations.
Feb.	16.	Sunday,	DAY OF PRAYER FOR COLLEGES.
Feb.	22.	Saturday,	WASHINGTON'S BIRTHDAY.
Mar.	21.	Friday,	Easter Recess begins.
Mar.	31.	Monday,	Delinquent Examinations.
April	1.	Tuesday, 8:30 a. m.,	College work resumed.
April	1.	Tuesday, before noon,	Clark Orations & Prize Essays submitted.
April	26.	Saturday, 9 a. m.,	Meeting of the Trustees.
May	15.	Thursday, afternoon,	SPRING FIELD DAY.
May	17.	Saturday, from 11 a. m.,	INTER-ACADEMIC DAY.
May	25.	Sunday,	Annual Y. M. C. A. Report.
May	28.	Wednesday, evening,	58th CLARK PRIZE EXHIBITION.
May	30.	Friday,	DECORATION DAY.
June	4.	Wednesday,	Underwood Examination in Chemistry.
June	6.	Friday,	Final Senior Examinations begin.
June	6.	Friday,	Southworth Examination in Physics.
June	7.	Saturday,	German & Mathematical Prize Examinations.
June	12.	Thursday,	Curran & Hawley Prizes Examination.
June	13.	Friday,	Senior honors announced. Term examinations begin.
June	18.	Wednesday,	Final Chapel. The prizes of the year announced.
Commencement Week			
June	19.	Thursday,	Entrance Examinations, designated hours of morning.
June	19.	Thursday,	PRIZE SPEAKING, at 4 p. m.
June	20.	Friday,	CLASS DAY (10). Trustees (2). PRIZE DEBATE (4).
June	21.	Saturday,	ALUMNI DAY (10:30). CLASS REUNIONS.
June	22.	Sunday, 4 p. m.,	BACCALAUREATE SERMON.
June	23.	Monday, 10 a. m.,	ONE HUNDRED & FIRST COMMENCEMENT
Sept.	16-17.	Tuesday & Wednesday,	Entrance & Prize Entrance Examinations.
Sept.	17.	Wednesday,	Delinquent Examinations.
Sept.	17.	Wednesday, 5 p. m.,	New Students meet the Dean in Chapel.
Sept.	18.	Thursday, 9 a. m.,	Fall Term opens.
Oct.	9.	Thursday, before noon,	Soper Theses submitted.
Oct.	9.	Thursday, afternoon,	AUTUMN FIELD DAY.
Oct.	11.	Saturday, 9 a. m.,	Meeting of the Trustees.
Dec.	23.	Tuesday, noon,	Christmas Recess begins.

Trustees

	ELECTED	TERM
Hon. ELIHU ROOT, LL.D., New York, <i>Chairman</i> ,	1883	
Hon. CHARLES A. HAWLEY, LL.D., Seneca Falls,	1884	
Rev. GEORGE B. SPALDING, D.D., LL.D., Syracuse,	1886	
THOMAS D. CATLIN, A.M., Ottawa, Ill.,	1890	1917
GEORGE E. DUNHAM, A.M., Utica, <i>Clerk</i> ,	1891	1915
HAMILTON B. TOMPKINS, A.M., New York,	1892	
Pres. M. WOOLSEY STRYKER, D.D., LL.D., College Hill,	1892	
FRANKLIN D. LOCKE, LL.D., Buffalo,	1895	
JOHN N. BEACH, A.M., Brooklyn,	1896	
ALEXANDER C. SOPER, A.M., Lakewood, N. J.,	1897	
HENRY HARPER BENEDICT, A.M., New York,	1897	
CHARLES B. ROGERS, A.M., Utica,	1899	
BENJAMIN W. ARNOLD, A.M., Albany,	1901	
JOHN E. FROST, LL.D., Topeka, Kan.,	1904	1918
SAMUEL F. ENGS, A.B., New York,	1904	1913
Hon. JAMES S. SHERMAN, LL.D., Utica,	1905	1919
SAMUEL H. ADAMS, A.B., Auburn,	1905	1919
Hon. FREDERICK W. GRIFFITH, A.M., Palmyra,	1907	1914
Hon. ABEL E. BLACKMAR, LL.D., Brooklyn,	1908	1915
Hon. JOSEPH IRWIN FRANCE, M.D., Baltimore, Md.,	1909	1916
Rev. ROB'T GARDNER MC GREGOR, D.D., New Rochelle,	1910	1917
REUBEN LESLIE MAYNARD, A.M., New York,	1910	1917
SAMUEL DUNCAN MILLER, A.B., Indianapolis, Ind.,	1910	1914
JOSEPH RUDD, Ph.B., College Hill,	1910	1917
Rev. LOUIS GLANCY COLSON, A.B., New York Mills,	1911	1918
HENRY MURRAY ANDREWS, A.M., New York,	1912	1919
WILLIAM MCLAREN BRISTOL, A.B., Brooklyn,	1912	1919
Rev. ARTHUR STEPHEN HOYT, D.D., Auburn,	1912	1916

Treasurer (1904)

CHARLES B. ROGERS, First National Bank, Utica, N. Y.

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Executive Committee

Messrs. STRYKER, DUNHAM, ROGERS, GRIFFITH, RUDD.

378.747

Withdrawn

The Faculty

MELANCTHON WOOLSEY STRYKER, (A.B. 1872,) D.D.; LL.D., Laf., & Wes.
President.

Walcott Professor (1892) in Theistic & Christian Evidences, & in Ethics;
Pastor of the College Church.

HERMAN CARL GEORGE BRANDT, (A.B. 1872,) Ph.D.; L.H.D., Colg.
Munson Professor (1882) in the German Language & Literature.

EDWARD FITCH, (A.B. 1886,) Ph.D., Goetting.
Edward North Professor (1889) in Greek.

ALBRO DAVID MORRILL, (B.S. 1876,) A.M., M.S., Dart.
Stone Professor (1891) in Biology.

WILLIAM HARDER SQUIRES, (A.B. 1888,) Ph.D., Leip.
John Stewart Kennedy Professor (1891) in Philosophy.

SAMUEL J. SAUNDERS, (A.B. 1888,) A.M., D.Sc., Cor. *Registrar.*
Professor (1892) in Physics, & Instructor in Astronomy upon the Litchfield Foundation.

WILLIAM PIERCE SHEPARD, (A.B. 1892,) Ph.D., Heidelb.
Burgess Professor (1895) in the Romance Languages & Literatures.

REV. JOSEPH DARLING IBBOTSON, (A.B. 1890,) A.M., Hmltn.
Librarian (1911). Instructor (1895) in Hebrew.

ARTHUR PERCY SAUNDERS, (A.B. 1890,) Ph.D., Johns Hop. *Dean.*
Childs Professor (1900) in Agricultural & in General Chemistry.

FRANK HOYT WOOD, (A.B. 1891,) Ph.D., Leip.
P. V. Rogers Professor (1902) in American History.

FREDERICK MORGAN DAVENPORT, (A.B. 1889,) Ph.D., Columb.
Maynard-Knox Professor (1904) in Law, Politics, & Economics.

WILLIAM JOHN MILLER, (B.S. 1900,) Ph.D., Johns Hop.
Professor (1905) in Geology.

CALVIN LESLIE LEWIS, (A.B. 1890,) A.M., N. Y. Univ.
Upson Professor (1908) in Rhetoric & Oratorical Training.

CLEVELAND KING CHASE, (A.B. 1891,) A.M., Ober.
Benjamin-Bates Professor (1911) in Latin.

FRANK HUMPHREY RISTINE, (A.B. 1905) Ph.D., Columb.
Acting Professor (1912) in English Language & Literature.

WILLIAM MASSEY CARRUTH, (A.B. 1901).
Associate Professor (1907) in Mathematics.

HORACE SEELY BROWN, (B.S. 1899,) M.S., Laf.
Associate Professor (1908) in Mathematics. Clerk of Faculty.

HAROLD RIPLEY HASTINGS, (A.B. 1900) Ph.D., Wis.
Assistant Professor (1911) in Latin & in Greek.

JOHN BRAINARD MACHARG, (A.B. 1900) A.M. Hmltn.
Assistant Professor (1911) in German, in French, & in European History.

DANIEL CHASE, A.B. 1908, Maine Univ.
Assistant Professor in Hygiene, & Director of Gymnastics.

COLLEGE OFFICERS

CHARLES HENRY STANTON, (A.B. 1872).
Bursar, (1904).

CORNELIUS DEREGT,
Warden of Buildings, (1875).

GEORGE E. TUNBRIDGE,
Steward in Commons Hall, (1912).

ROOT FELLOW IN PHYSICAL SCIENCE

HARLA RAY EGGLESTON, (B.S. 1912,)

Student in Biology. From *Walton, N. Y.* Honor Graduate.

LOCKE FELLOW IN GREEK

WILLARD BOSTWICK MARSH, (A.B. 1912,)

Student in Greek. From *Bridgewater, N. Y.* Honor Graduate.

SENIORS, CLASS OF 1913

CLASSICAL COURSE

Clarence Lindsley Barber, jr.,	New York,	Θ Δ X House.
Abel Edward Blackmar, jr.,	Brooklyn,	Δ K E House.
Sidney Augustus Davis,	Scranton, Pa.,	X Ψ Lodge.
Raymond Durston Fear,	Holland Patent,	17 Carnegie.
Edward Brewster Gould,	Seneca Falls,	13 South.
Allen Morton Groves,	Pasadena, Calif.,	Δ Υ Hall.
John Howard Hahn,	Albany,	24 South.
George Harry Lyon,	Binghamton,	X Ψ Lodge.
Thomas Christopher Mahady,	Clinton,	College Street.
Erskine Reed Myer,	Columbus, O.,	30 South.
Roy Avery Porter,	Albion,	24 Carnegie.
Lynn Lemuel Stratton,	Mt. Upton,	21 South.
Charles Beattie Thompson,	Thompson Ridge,	Silliman Hall.
Charles Denslow Wheelock,	Boonville,	5 South.

LATIN-SCIENTIFIC COURSE

Dan Craig Batchelor,	Camden,	20 South
Richard Daniel Casey,	Clinton,	42 Elm street
Harold Ingraham Cross,	Johnstown,	Ψ Υ House
George Arthur Clark,	Holyoke, Mass.,	Σ Φ Hall
John Wilson Forrest,	Andes,	18 South
Hamilton Coit Griswold,	Rochester,	20 South
Daniel James Ambrose Hughes,	Clinton,	46 Elm Street
Joseph Poyer Deyo Hull,	Walden,	19 South
Westley Morris Ingersoll,	Ilion,	6 South

William McCleery Kultchar,	Winnetka, Ill.,	14 South.
Dexter North,	Washington, D. C.,	7 Carnegie.
Walter Edwin Peck,	Ashtabula, O.,	12 Carnegie.
Ernest House Roberts,	Turin,	4 Carnegie.
Ray Levi Shaul,	Ilion,	18 South.
Edwin Hughes Simonds,	Carthage,	18 Carnegie.
Harold Horton Smith,	Norwich,	21 South.
Donald Edward Stone,	Mexico,	6 Carnegie.
Joseph George Taylor, jr.,	Brooklyn,	20 Skinner.
Caldwell Thompson,	Thompson Ridge,	Emerson Hall.
Webster Prentiss True,	Washington, D. C.,	Ψ Τ House.
Frank Rockwood Wassung,	Johnstown,	4 South.
Carl Bernard Wenigmann,	New York,	Σ Φ Hall.

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For Previous College Year:

HIGH HONOR: Blackmar, Groves, Stone.

HONOR: Davis, Hahn, Hull, Ingersoll, Lyon, Smith, Stratton, C. Thompson.

JUNIORS, CLASS OF 1914

CLASSICAL COURSE

William James Barnes,	W. Pittston, Pa.,	Chapel.
Leet Wilson Bissell,	Pittsburgh, Pa.,	20 South.
Hugh St. Leger Booth,	Yokahama, Japan,	27 Skinner.
Charles Lefferts Brown,	New York,	△ K E House.
Raymond Temple Clapp,	Mechanicville,	20 Skinner.
William Harder Squires Cole,	Vernon,	18 Carnegie.
Charles Henry Dayton,	Auburn,	29 South.
Theodore Carrington Jessup,	New York,	14 South.
Ralph William Leavenworth,	Cleveland, O.,	16 Carnegie.
Raymond Farwell Lyon,	Holyoke, Mass.,	9 South.
John Baylies McMillan,	Yonkers,	4 Carnegie.
Norman James Marsh, jr.,	New York,	△ K E House.
William Karl Mengerink,	Rochester,	17 Carnegie.
Edgar Nash Miller,	Albany,	18 Carnegie.

Arthur Stone Pohl,	Vernon,	16 Skinner.
George Warren Walker,	Troy,	3 Carnegie.
John Van Alstyne Weaver,	Winnetka, Ill.,	8 Carnegie.
George Henry Williamson,	Charleston, W. Va.,	21 Carnegie.

LATIN-SCIENTIFIC COURSE

Taylor Stevenson Abernathy,	Kansas City, Mo.,	2 South.
Wayland Potter Blood,	Buffalo,	Ψ Υ House.
Lee Hastings Bristol,	Brooklyn,	7 South.
Owen Gregory Burns,	Clinton,	19 Fountain Street.
Carl Lamson Carmer,	Albion,	9 Carnegie.
Willard Burdick Eddy,	Albion,	Ψ Υ House.
Lee Williamson Felt,	Emporium, Pa.,	10 South.
Kenyon Putnam Flagg,	Albion,	4 South.
Forrest Palmer Gates,	Johnstown,	Ψ Υ House.
Herbert Insley,	Jersey City, N. J.,	21 Carnegie.
Thomas Hamilton Lee, jr.,	Stony Point,	1 Carnegie.
Earl Russell Lewis,	Canton,	Θ Δ X House.
Donald Holman McGibeny,	Indianapolis, Ind.,	College Street.
Elias Delevan McLean,	Binghamton,	30 South.
George Babcock Ogden,	New Hartford,	9 South.
George Edgerton Ogilvie,	Richmond Hill,	X Ψ Lodge.
Howard John Potter,	Gouverneur,	5 South.
Francis Leo Regin,	Clinton,	Dwight Avenue.
Benjamin Curtis Rhodes,	Albany,	8 South.
Albert Sidney Robinson,	Malone,	5 Carnegie.
Stephen W. Royce,	Liberty,	3 South.
Roswell Breese Sherman,	Utica,	23 South.

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For Previous College Year :

HIGH HONOR : Pohl.

HONOR : Dayton, Eddy, Leavenworth, Walker.

SOPHOMORES, CLASS OF 1915

CLASSICAL COURSE

Myron Whitlock Adams,	Boston, Mass.,	12 Carnegie.
Harold Albert Banks,	E. Orange, N. J.,	12 Carnegie.
John TerBush Bissell,	Pittsburgh, Pa.,	X Ψ Lodge.
Raymond Albert Brockway,	Herkimer,	24 Skinner.
Reginald Audley Clarke,	Jamaica,	30 South.
Oliver Frisbie Crothers,	Phelps,	$\Theta \Delta$ X House.
Frederick Ray Crumb,	Oxford,	24 South.
Harold Wheaton Gray,	Deposit,	24 South.
Erwin Ramsdell Goodenough,	Jamaica,	Δ K E House.
Walter Rushworth Harper,	Clinton,	79 College Street.
Robert Winfield Higbie, jr.,	Jamaica,	9 Carnegie.
Herman Silas Hulbert,	Redlands, Calif.,	19 Skinner.
John Butler Jessup,	New York,	2 South.
John Lewis Keddy,	Buffalo,	24 Carnegie.
Dudley Baldwin Kimball,	Boonton, N. J.,	25 South.
Paul Leonard King,	Warren, O.,	12 Carnegie.
William Hobart Little,	Towanda, Pa.,	$A \Delta \Phi$ Hall.
Karl Reed McNair,	Warren, O.,	6 South.
Elbert Barney Mattoon,	Windham,	25 South.
Sidney Stanhope Miller,	Indianapolis, Ind.,	30 South.
John Hollister Patton,	Tonawanda,	23 South.
Robert Edward Schwenck,	Scranton, Pa.,	21 South.
Frederick Elmer Williams,	Walton,	24 Skinner.

LATIN-SCIENTIFIC COURSE

Gerald Dieterlen,	New York,	$\Psi \Upsilon$ House.
John George Erhardt,	Brooklyn,	20 Carnegie.
Louis Fulton,	Massena,	21 South.
Ralph Henry Henty,	Knoxboro,	15 South.
Charles Kellogg Hudson,	Kansas City, Mo.,	1 South.
Ivan Morgan Ingersoll,	Ilion,	6 South.
Wallace Bradley Johnson,	Utica,	$\Psi \Upsilon$ House.

Felix LaForce,	Kansas City, Mo.,	1 South.
Frederick Paddock Lee,	Rutherford, N. J.,	20 Carnegie.
Walter Ellsworth Ogilvie,	Richmond Hill,	X Ψ Lodge.
Harold James Pohl,	Vernon,	24 Skinner.
George Leonard Potter,	Lafayette, Ind.,	19 Carnegie.
Jay Glenn Prescott,	Sauquoit,	24 Carnegie.
Allan Latham Ritch,	Bay Shore,	1 Carnegie.
Willett Benjamin Sherwood,	Ridgewood, N. J.	1 Carnegie.
William Vibert Longwell Turnbull,	Campbell,	19 Carnegie.
William Russell White,	Brooklyn,	9 Carnegie.
David Avery Woodcock,	Passaic, N. J.,	$\Theta \Delta X$ House.

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For Previous College Year:

HONOR: Adams, Clarke, Goodenough, Harper, Kimball, McNair, Sherwood, Woodcock.

FRESHMEN, CLASS OF 1916

CLASSICAL COURSE

Norman Whittelsey Adams,	Warren, O.,	$\Delta \Upsilon$ Hall.
Charles Stanley Bergner,	Utica,	Silliman Hall.
William Merrill Conklin,	Garwood, N. J.,	21 South.
Peter William Daniels,	Hempstead,	21 Carnegie.
Homer Woodhull Davis,	Coram,	$\Delta \Upsilon$ Hall.
Henry Courtenay Fenn,	Pittston, Pa.,	Chapel.
John Hamish Gardner,	Fort Covington,	$\Delta K E$ House.
Frederick Adams Griffith,	Palmyra,	16 Carnegie.
Owen Griffith Groves,	Pasadena, Calif.,	$\Delta \Upsilon$ Hall.
Charles Arthur Hawley,	Verona,	27 Skinner.
Arnold Rudolph Hoffman,	Utica,	Emerson Hall.
Evan Ellis Jones,	Utica,	27 Skinner.
Francis Paton Kimball.	Sauquoit,	19 South
Charles Dell Knapp,	West Winfield,	Emerson Hall.
Thatcher McKennan,	Utica,	9 Carnegie.
George Scholefield McMillan,	Yonkers,	$A \Delta \Phi$ Hall.
Arthur Miller,	Dolgeville,	Emerson Hall.

John Pearl Ray,
 Walter Joseph Rothensies,
 Edwin Bradford Sherwood,
 Ripple Cary Smith,
 Vilas Mattheson Swan,

Buffalo,
 Walton,
 Syracuse,
 W. Pittston, Pa.,
 Ogdensburg,

19 Carnegie.
 Emerson Hall.
 Θ Δ X House.
 X Ψ Lodge.
 Ψ Υ House.

LATIN-SCIENTIFIC COURSE

Samuel Ernest Adams,
 David Farrington Aldrich,
 Carl Daniel Ames,
 Edward Bacon,
 Franklin Mosher Baldwin,
 Richard Cameron Beer,
 Herbert Linus Berry,
 John Ripley Buchanan,
 Richard Hingston Burkhart,
 Kyle Kirkland Bushnell,
 Lawrence Kingsley Callahan,
 Hudson Covert,
 Lewis Arthur Davis,
 Lewis Robertson Decker,
 Milton Merwin Eells,
 John Michells Elliott,
 Philip Allison Fulton,
 Herbert Clapsaddle Getman,
 Millard Robert Gow,
 Willard Archibald Gow,
 George Starr Hastings,
 Wilfred Rowell Higgins,
 Harry Milton Holt,
 Robert Insley,
 Malcolm Shaw McLean,
 Charles McLouth, jr.,
 Charles Russell Mowris,
 Thomas LeRoy Muir,

W. Winfield,
 Palmyra,
 Mohawk,
 Washington, D. C.,
 E. Orange, N. J.,
 Yonkers,
 Sauquoit,
 Washington, D. C.,
 Batavia,
 Ilion,
 Winnetka, Ill.,
 Chicago, Ill.,
 W. Winfield,
 Rochester,
 Utica,
 Clinton,
 Massena,
 Oneonta,
 Bovina Centre,
 Bovina Centre,
 Germantown, Pa.,
 Minneapolis, Minn.,
 Lowville,
 Jersey City, N. J.,
 Denver, Colo.,
 Palmyra,
 S. Lima,
 Roxbury,

Emerson Hall.
 10 South.
 24 South.
 Δ Υ Hall.
 7 Carnegie.
 Σ Φ Hall.
 Emerson Hall.
 Δ K E House.
 X Ψ Lodge.
 Δ K E House.
 Σ Φ Hall.
 5 Carnegie.
 Emerson Hall.
 8 Carnegie.
 3 Carnegie.
 53 College Street.
 21 South.
 Θ Δ X House.
 4 Skinner.
 Θ Δ X House.
 7 South.
 Δ Δ Φ Hall.
 Ψ Υ House.
 Emerson Hall.
 9 Carnegie.
 Δ K E House.
 Emerson Hall.
 Emerson Hall.

Louis Heyl Nichols,	Buffalo,	A Δ Φ Hall
Geoffrey Airlie Ogilvie,	Richmond Hill,	X Ψ Lodge
Montfort Schley Paige,	Oneonta,	4 Skinner
Vincent Stone Peck,	Utica,	14 South.
George Van Wyck Pope,	Glencoe, Ill.,	8 South.
William Nelson Robson,	Worcester, Mass.,	16 Carnegie.
John William Rushmore, jr.,	Palmyra,	17 Carnegie.
Philip Waldron Stone,	Cornwall,	4 Carnegie.
Robert Sherman Thorne,	Geneva,	16 South.
Joseph McNaughton Waterman,	Ogdensburg,	Carnegie.
Joseph Eager Whitcombe,	Batavia,	X Ψ Lodge.
George Norman Woodruff,	Mexico,	6 Carnegie.

SPECIAL STUDENT, FIRST YEAR

Horace Harcourt Wells,	Whitesboro,	Whitesboro.
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ENTRANCE FAYERWEATHER SCHOLARS OF 1916:

Messrs. Bergner, Eells, Nichols, Stone.

ENTRANCE VROOMAN SCHOLAR OF 1916:

Mr. Charles Arthur Hawley.

CANDIDATES, (under the terms stated upon page 19) for the

MAYNARD ENTRANCE PRIZE, Philip Waldron Stone.

BROCKWAY ENTRANCE PRIZE, Louis Heyl Nichols.

SUMMARY

FELLOWS	2	SOPHOMORES	41
SENIORS	36	FRESHMEN	63
JUNIORS	40		
Total,			182

HAMILTON COLLEGE was born of the zeal of Samuel Kirkland, missionary to the Oneida Indians thro the latter half of the eighteenth century. His influence drew many of this Iroquois tribe to the Colonial cause, & had enough to do with the memorable & saving blow struck in the Oriskany fight, August 6, 1777, & with the relief of Fort Stanwix, to win the regard of Washington & of Alexander Hamilton.

The latter greatly encouraged Kirkland's project of a school for the sons of the whites & the Indians, becoming first Incorporator of the HAMILTON ONEIDA ACADEMY, chartered by the Regents, January 29th, 1793. A portion of the tract of two square miles, deeded to Kirkland in 1788 by the Indians & the State of New York, furnished the site. To this tract Kirkland moved in 1789, & here, in a small clearing, July 1st, 1794, the corner-stone of the plain frame building was laid by Baron Steuben. The aged Oneida chief Skenandoa was present. Slowly rose amid the forest the building, 98 X 38 feet, remaining until 1827. Its old location is indicated just south of the present Chapel. It was opened December 22d, 1798.

The COLLEGE was chartered May 26th, 1812, & with dignity & joy has just celebrated its Centennial. It stands at the very centre of New York, in the county of Oneida & in the town of Kirkland, one mile from the village of Clinton. With the advantages & charm of a rural setting it is conveniently suburban. The city of Utica lies nine miles to the northeast, with its abundant railway connections, & especially with the accommodation of the New York Central. Clinton connects with Utica by the Ontario & Western as well as by trolley.

The College occupies a natural plateau, three hundred feet above the immediate valley, nine hundred feet above the sea, facing easterly, with extended views of vales, uplands & high hills beyond. The Campus is a beautiful park of ninety-five acres, with stately trees, well-kept lawns, rare vistas, & amid these, in quadrangular arrangement, the College buildings. There is a good Athletic Field with excellent tennis courts. An adequate system, this year greatly enlarged, furnishes pure and abundant water.

Recent years have seen a transformation in appearance, yet still emphasizing the old symmetry. The seventeen buildings all save three are of dignified stone, commodious, notably appropriate in style & relation. This year the Gymnasium has been entirely reconstructed within & greatly improved. In the Gymnasium pool, the Athletic Director gives lessons to all Freshmen in swimming, but one or two in each class proving incapable to attain this skill. Next Spring work will begin upon a modern, fire-proof, Library to cost \$100,000 including stacks & furniture. It will adorn the space between Knox Hall & Root Hall.

The fine organ in the Chapel daily ministers to stimulate general singing. The Commons is an ample & beautiful dining hall. There are no better recitation halls, or students' quarters, in any American college. This year the Delta Upsilon Fraternity has completed & has entered its fine stone Hall on the northeast corner of the Cam-

pus. The 'Talcott House' has been built (1912) on the western side of the Campus. The total is impressive & convincing.

With an augmenting & beautifying domain Hamilton holds fast to genuineness & vision, striving earnestly for quality of work, cherishing the primacy of the things of the human spirit, seeking to train deeply as well as broadly.

Discriminating as to values & tenacious of her ideals, she welcomes impartially to her side any sturdy & eager man who would have the intensive personal discipline she seeks to give.

She has thoughtfully & carefully somewhat widened her doors, but not abating her purpose to have thoro standards & to live up to them. Her respect for what is time-tested, for what ministers to full manhood, is not a fetish but a staunch principle.

ADMISSION

¶ Entrance Examinations will be held in the several department rooms, & in Commencement week as follows: June 19, Thursday, from 8 to 10 a. m., in Greek, German & in French; from 10 to 11,30 a. m., in English Studies; from 11,30 a. m. to 1 p. m., in Mathematics; & from 2 to 4 p. m., in Latin.

The Autumn Examinations, for the Class of 1917, will be held on September 16, Tuesday, from 8,30 to 11,30 a. m., in Mathematics; & from 2 to 4 p. m., in English subjects; September 17, Wednesday, from 8,30 to 11,30 a. m., in Greek, & German & French; from 2 to 4 p. m., in Latin.

Those intending to enter in a later year, may at these hours make preliminary offer of any completed portion of the entrance requirements. Under all ordinary circumstances applicants are referred to these stated examinations.

Certificates of good character are required & men from other colleges must have had honorable dismissal. One offering to enter an advanced class must have mastered studies equivalent to those which that class has taken. But none can be admitted Senior after the opening of the second term, nor compete for honors except he shall be examined upon all the studies of his class up to that point at which he enters. However, any student may compete for prizes that are in no part based upon record of work prior to his entrance.

TOPICS FOR ENTRANCE

¶ Equivalents in kind are acceptable. The items named are supposed to involve a satisfactory experience with its implied facility. What is wanted is the mastery of fundamental principles, the rudiments digested, solid rather than merely linear amount. It is, for instance, by deficiency in *grammar* that the superficially prepared are found wanting.

These in general are the topics sought:—

GREEK: Xenophon's *Anabasis*, four books, or one book of the *Anabasis* & the Gospel of Luke; Homer's *Iliad*, three books, with prosody; *thoro Grammar*; Jones' *Composition*, twenty lessons.

LATIN: Especially mastery of *Grammar*; Vergil's *Aeneid*, six books, with prosody; six of Cicero's *Orations*; Caesar's *Commentaries*, four books, or (& preferred) the first book of Caesar & either the *Catiline* of Sallust or Vergil's *Eclogs*; the ability to read at sight simple prose, & to turn simple English into Latin.

MATHEMATICS: Algebra, including Quadratics, Radicals, Binomial Theorem, Theory of Exponents, & Progressions; Plane Geometry, complete. "Advanced Mathematics" if offered should be the practical equivalent of our Freshman Year in Algebra & Trigonometry. Part of whatsoever preparation in Algebra should be had in the final year before entrance.

ENGLISH LITERATURE, for 1913, or full equivalents.

For study: Shakespere's 'Macbeth,' Milton's 'L'Allegro,' 'Il Penseroso' & 'Comus'; Macaulay's 'Life of Johnson,' or Carlyle's 'Essay on Burns'; Washington's 'Farewell Address'; Webster's first 'Bunker Hill Oration'.

For reading: the proper number of the various items named in Syllabus of Coll. Ent. Exam. Board as warranting a reckoning of 2 units.

HISTORY: Ancient History with special reference to Greek & Roman History; Medieval & Modern European History; English History; United States History & Civil Government; any one of these counting a single unit.

GERMAN: A *first* preparatory year is covered by a New York State Certificate for the first year, or its equivalent, such as, Brandt's *Grammar*, Part I, the sections upon word-formation & accent from Part II; the first series of Lode man's exercises; & fifty pages from Brandt's *Reader*.

The *second* year should include the reading of 200 pages of easy stories & plays, grammar completed, additional composition; or be covered by a second-year Certificate.

FRENCH: A *first* year should include careful drill in pronunciation; *the full rudiments of grammar*, including inflection of the regular & more common irregular verbs, the plural of nouns, the inflection of adjectives, participles & pronouns, the uses of pronouns & participles, idiomatic word-order, & the elementary rules of syntax; abundant easy exercises, basing for the most part on the matter read; the reading of 100-175 pages of graduated texts, with practice in translating into French variations of sentences thus familiarized.

The *second* year should include 250-400 pages of modern prose,—short stories, plays, etc., with frequent abstracts in French of various portions; continued drill in grammar, with increased sentence-writing; mastery of the forms & use of pronouns, irregular verbs & the general syntactical rules, especially the rules for the subjunctive & conditional; some practice in writing French from dictation.

SPANISH: Two years work, to comprise careful drill in pronunciation; a complete study of some good grammar (*Olmsted & Gordon's*, or *Hills & Ford's*, are recommended); mastery of all but the rare irregular verbs, the inflection of nouns, adjectives & pronouns, the essential elements of syntax; the reading of at least 300 pages of modern Spanish prose & verse; exercises containing illustrations of the principles of grammar & practice in translating into Spanish variations of texts read; writing Spanish from dictation.

PHYSICS, or CHEMISTRY, or BIOLOGY: A single unit of either of these will be accepted, substantially equivalent in topics & methods to the statement under these heads by the College Entrance Examination Board.

ENTRANCE REQUIREMENTS

¶ The unit system is adopted as the measure of fitness. A 'unit' is held to be five periods of recitation a week, equivalent to one quarter of a year's school work & to 120 sixty minute hours. A minimum total of $14\frac{1}{2}$ units is required.

Equitable adjustments will be made in the class of 1917 for those whose preparation meets our earlier scheme.

The reckonings by units will be as follows:—

For the Classical Course.

Required:

English	3
Algebra & Geometry	$2\frac{1}{2}$
Ancient History	1
Latin	4
Greek	3

Elective:

One additional History	1
One Natural Science	1
Advanced Mathematics	$1\frac{1}{2}$
A Modern Language	2, or 3

For the Latin-Scientific Course.

Required:

English	3
Algebra & Geometry	$2\frac{1}{2}$
One History	1
Latin	4
One Modern Language (2 yrs)	2

Elective:

One additional History	1
One Natural Science	1
Advanced Mathematics	$1\frac{1}{2}$
A second Modern Language	2, or 3

¶ For the normal fourth year of Latin, or for the third year of Greek, (not both) may be substituted the two elementary years of a Modern Language, or the third year of a Modern Language, in either case to count 1. Of course no subject may be reckoned twice.

Alone, a first year of a Modern Language will not be reckoned.

For the A. B. degree, (see page 23), the *required* Greek & Latin of the College course is necessary.

CERTIFICATION & MATRICULATION

¶ Those who would enter Hamilton are urged to spend no time upon topics irrelevant to our entrance requirements: excepting that early & resolute attention to spelling, orthoepy, oral reading & declaiming, are of course of direct advantage.

Itemized Certificates, specifying both time & topics, will be accepted, for those not taking our examinations, from Principals of Schools approved by this Faculty, from the New York State Education Department, & from the College Entrance Examination Board, (P.O. sub-station 84, New York) in so far as these cover any or all of our requirements. Preparation made under private tutors or at Summer Schools must be examined here.

The College reserves the right to decline to admit with conditions, tho when the arrearage is small it may so admit to tentative standing: but it expects applicants to be substantially ready, & it will reduce conditioning to a minimum.

Certificates should be filed with the President as early as convenient. Blanks will be sent upon request. All new students meet the Dean, in the Chapel, at five o'clock of the afternoon preceding the opening day of the autumn term.

Those received with no condition, by examination, are matriculated (i. e., entered in full) at once; those admitted by Certificates, after passing any condition & the examinations of one term. An entrance condition must in all cases be satisfied prior to the opening of second term, or count as a three-hour delinquency. If for any reason a condition is examined in mid-term & not passed it becomes a three-hour delinquency from that date, with no further opportunity until the next regular delinquent day. Each department concerned will appoint the program of study involved by a condition.

Students from other Colleges having equivalent courses, may enter at the point from which they take dismissal, upon full certification of good standing & character.

SPECIAL STUDENTS

¶ Students not candidates for a degree, subject to the approval of the departments concerned, may choose courses for which they are evidently competent: but to be thus entered, one must be *as far ahead of the entrance requirements in some subjects as he is behind in others*. The arrangement is not for those who are merely unprepared for Freshman work, but for men, tho irregularly prepared, fit in some departments to undertake advanced courses.

Such Special Students must elect not less than fifteen exercises for each week, inclusive of Biblical study: but the 'Rhetoricals' may not be reckoned in these hours & if elected must be attended for the complete year. Scholarships are not offered to Special Students, nor may they compete for any honor or prize. To be satisfactory to the Faculty they must stand at least 6. for the work of each term with its examinations, & they are amenable to the 'ten hour' rule.

A Special Student attaining an average of 8. for a complete year, may receive a certificate of proficiency. If he continues for two or more years, with an average of not less than 8.5, his name may appear upon the Commencement program as a candidate for a certificate of completed special study.

ESTIMATED ANNUAL EXPENSES

¶ Board in Commons \$4.00 a week	\$140	\$140
Fuel and lights	7 to	15
Laundry	20 "	30
Tuition, \$45 each of the two terms	90 "	90

Contingent charge, public rooms, etc., \$15 a term . . .	30 "	30
Half-rent of room, unfurnished, \$9 to \$45 a term . . .	18 "	90
Necessary & important books	15 "	25
Class & Society taxes, student subscriptions, etc. . . .	20 "	60
Athletic Tax, \$5 a term	10 "	10
Amount		\$350 to \$490

The half-expense of furnishing a room may be from \$20 to \$60.

Not including cost of attire & travel, but not deducting concessions as to tuition, one can go thro the College year, by rigid economy, upon \$350. An allowance of \$400 implies scrupulous care, one of \$450 is comfortable, \$550 is liberal, & any sum above \$650 is profuse. There is no charge extra for heat in Carnegie, nor in South. Each room in Carnegie & in South pays for its own electric light by meter, & pro rata for the hallways.

All term bills, including bills for board if had in Commons Hall, are due strictly in advance,—thus no bond is required. The Trustees instruct the Bursar to report the names of all students who at the end of the tenth day of each term have failed to meet their College dues, & the President is instructed to see that such students are excluded from recitation until payment is made, such absences not being excused, either in record of attendance or of scholarship. No student can be graduated, or have honorable dismissal from the College, until his dues are satisfied. Voluntary or careless damages to College property will be an extra charge to any students or classes responsible for such molestations. If these are not known, the charge is assessed upon the whole body of students, pro rata. No deductions for absence are made in tuition bills, where one returns to a class which he has left, or enters late, or is absent under discipline, or is dropped.

THE DORMITORIES

¶ The excellent accommodations surprise those who are familiar with other College Halls, even the very best, that so much is offered at so reasonable a charge. Carnegie Hall receives fifty-six men with abundant cubic space, steam heat, broad fireplaces for wood, hardwood floors, electric light, & a bathroom for each suit. South College is similar, but each floor of its two entries has a separated bathroom of ample size, with water-shower, conveniencing six, or eight, persons. Full care of rooms in each of these two dormitories is included in the rental. North College is simpler & much cheaper.

Each set of rooms is for two men, or for three, as designated. All rooms are leased under an explicit contract made with one student & strict adherence to this lease is required. No deduction is made for occupancy less than that for which the suit is designated, nor is larger occupancy allowed. 'Ordinary room rental' when

granted by scholarship is reckoned in any dormitory at \$9 a term. Professor S. J. Saunders is Director of Leases. The buildings are closed during vacations.

SCHOLARSHIPS

¶ There are ninety permanent endowments, whose administration is adjusted to furnish for their incumbents tuition for three years, & for the final year of tenure ordinary room rental to lessees. The President must be personally assured of the fidelity & the *actual need* of applicants.

The most recent additions to the scholarship foundations are \$50,000 by the generous gift of Andrew Carnegie, Esq., \$8,000 by Mrs. Dayton founding four scholarships as a memorial of Melville E. Dayton, '64, \$20,000 founding two large scholarships, one in memory of Mrs. Charlotte Buttrick Sackett & one in his own name by the Hon. Charles Holland Duell, LL.D., '71, \$10,000 by A. C. Soper, '67, & James P. Soper & their sister, Mrs. Etta Soper Smith, to maintain the tuition throout the course, in each class, of an approved graduate of the Rome Academy, & \$2,000 by bequest of Albert Phillips, '65. The quadrennial Clarence A. Seward scholarship, yielding \$560, will be granted to some member of the Alpha Delta Phi Society under conditions set by its authorities.

A few of the scholarships are affected by special provisions. Scholarships are not granted to 'special students'. Applications should be made to the President in writing, to be considered in their order. Ordinarily the benefits of these foundations will, as they are vacated, be assigned to needy & meritorious applicants who have been orderly & diligent & who are without conditions, excused examinations of long arrears, or unsatisfied delinquencies. If an incumbent is guilty of any gross impropriety, or extravagant, or neglects to stand above mediocrity, the aid may be summarily withdrawn, this principle applying to all scholarships whatsoever, including the Entrance & the Senior Prize Scholarships.

Approved candidates for the Christian Ministry, needing aid, may receive from eighty to one hundred dollars a year, by placing themselves under the care of the Presbyterian Board of Education, of the Congregational Educational Society, the Board of the Reformed Church, or under other church authorities.

MAYNARD & BROCKWAY ENTRANCE PRIZES

¶ Upon the basis of the September entrance examination, & to the best two of the five successful competitors, as below described, these awards will be made:

First, the Maynard Prize of \$100, maintained by Reuben L. Maynard, A. M., Esq., '84, of New York. This award is payable at the succeeding Commencement, only if the candidate shall have been regular & orderly, & shall have stood High Honor for his Freshman year.

Second, the Brockway Prize of \$25, founded by the late Dr. A. Norton Brockway, '57, payable upon the orderly completion of Freshman year.

FRESHMAN PRIZE SCHOLARSHIPS

¶ The five Fayerweather scholarships, yielding tuition for Freshman year, will be awarded to the five men of each class, if of satisfactory grade, who shall in September pass the best entrance examinations, at the College, upon $14\frac{1}{2}$ proffered units, in either course. Freshmen admitted in June may enter this September examination: but failure in a given subject will, in that subject, vitiate an entrance certificate & impose a condition. No one undergoing more than one condition will receive an award, nor with one condition attain the benefit until that condition is satisfied.

The John W. Vrooman Prize Scholarship for Freshman year, yielding tuition, is offered to one, attaining a grade of not below .7, who passes the best oral examination here in September upon the Gospel of Luke & three books of the Iliad. Luke will be acceptable for entrance in place of books 2, 3, 4 of the Anabasis. Approved certificates will be accepted for the first book of the Anabasis & for Greek Prose Composition & Ancient History, & for other specified parts of preparation: but one receiving an award under the above offer must be without a condition. This special competition does not include candidacy for the Maynard & the Brockway awards unless all other entrance subjects are examined here.

These various awards are an incitement to self-help, affording opportunity to several entering men of limited means to prove their ability & earnestness.

PRIZE FOUNDATIONS

¶ 1. A foundation of \$1,000, begun by Aaron Clark, of New York, & augmented by Henry A. Clark, '38, of Bainbridge, furnishes a prize for the Senior excelling in Original Oratory.

2. A foundation of \$500, by the late Chancellor John V. L. Pruyn, of Albany, furnishes a gold medal for the Senior writing the best oration on The Political Duties of Educated Young Men.

3. A foundation of \$1,000, by Franklin D. Head, LL.D., '56, of Chicago, Ill., furnishes a prize for the Senior writing the best oration upon a theme relating to Alexander Hamilton.

4. A foundation of \$500, by the late Mrs. A. R. Kirkland, of Clinton, furnishes a prize for the Senior writing the best oration upon a theme in Biblical Science.

Note: Only one of prizes 2, 3, 4, may be awarded to a given Senior.

5. A foundation of \$1,500, by the late Charles McKinney, of Binghamton, furnishes two prizes, of \$50 & \$25, for Seniors excelling in Extemporaneous Debate.

6. A foundation of \$1,500, by the late Arthur W. Soper, of New York, furnishes a prize of \$75 to that Senior submitting the best thesis In Advocacy of a Protective Tariff.

7. A foundation of \$1,200, by Hamilton B. Tompkins, A.M., '65, of New York, provides two prizes, & medals not exceeding four, for Juniors who excel in Mathematics.

8. A foundation of \$700, by relatives of the late Col. Henry H. Curran, '62, of Utica, furnishes a gold medal, & a silver medal, for Juniors who excel in Classical Studies.

9. A foundation of \$500, by the late Martin Hawley, '51, of Baltimore, Md., furnishes silver medals, not exceeding four, for Juniors who excel in Classical Studies.

10. A foundation of \$700, by the late Charles C. Kellogg, '49, of Utica, furnishes book prizes for the two students in each of the three lower classes who excel in English Essays, excepting that one Sophomore essay upon some subject relating to the Newspaper, will receive a book prize upon a foundation of \$500, by the late Willard A. Cobb, '64, of Lockport.

11. A foundation of \$700, by the late Charles McKinney, of Binghamton, furnishes book prizes for the two students in each of the three lower classes who excel in Declamation.
12. A foundation of \$500, by the late George Underwood, '38, of Auburn, furnishes a prize for that Senior who excels in Chemistry.
13. A foundation of \$500, by the late Tertius D. Southworth, '27, furnishes a prize for that Senior who excels in Physics.
14. A foundation by the late Charles W. Darling, of Utica, furnishes a prize for that Senior who shall have the best full record in American History.
15. By Frederick P. Warfield, '96, & in honor of Professor Brandt, a prize of \$50 is offered in German to Senior competition.

SENIOR PRIZE SCHOLARSHIPS

¶ The four prize scholarships named below, of \$250 each, will be awarded, in the class of 1914, upon vote of the Faculty, at the close of Junior year.

The Twenty-sixth award of the Greek Scholarship maintained by the Hon. Frederick W. Griffith, '86.

The Twenty-fifth award of the memorial Edward Huntington Mathematical Scholarship founded by Alexander C. Soper, A.M., '67.

The Nineteenth award of the Arthur W. Soper Latin Scholarship.

The Third award of the German Scholarship founded by the Hon. Charles Holland Duell, LL.D., '71.

No student may be awarded more than one of these, nor may he at the same time hold any other scholarship, — accepting one of these benefits he agrees to pay in full the College bills of Senior year.

The awards will be made in the order, first of the values & then of the ages of the foundations. Each scholarship shall go to the highest scholar in the department named, unless he is already assigned to another of these scholarships, in which case the next highest unassigned shall receive the award.

As a condition of an award all subjects in each given department up to the period of estimate must be taken, & that department work thro Senior year must be elected by the prize scholar. The completion of Senior year in this College is a condition of receiving the stipend.

THE ROOT FELLOWSHIP

¶ The Nineteenth appointment to the Fellowship in Physical Science, founded by the Hon. Elihu Root, LL. D., '64, is offered under these standing regulations :

There being a fit candidate this fellowship will be awarded to a member of the graduating class who shall have shown marked ability & special aptitude for investigation in one of the departments of Physical Science. The whole fitness of the man shall enter into the estimate.

The Faculty shall entertain all recommendations from Professors, & shall by ballot & a two-thirds vote select a nominee, whom they shall refer to the Trustees for confirmation.

The appointment shall be for one year, to some University in America or in Europe, to be approved by the Faculty after the award. If the Faculty shall see fit to make no recommendation from a given class, they may at their discretion recommend to continue the Fellow of the year previous, for a second year only.

The stipend of \$500 shall be payable, one-third in October, one-third in February, & one-third in May, subject always to satisfactory proof of the Fellow's diligent progress.

Near the termination of his appointment, & before the third payment, the Fellow shall make to the President a full written report, to be kept in the College records.

THE LOCKE FELLOWSHIP

¶ The Fifth appointment to the Fellowship in Greek, founded by Franklin D. Locke, LL.D., '64, is offered, in the class of 1913, under these standing regulations:

There being a suitable candidate, this fellowship will be awarded to a member of the graduating class, who shall have taken the entire course in Greek, & who, with full general fitness, shall have evinced high ability in this department.

While not exacted, it is expected that the candidate shall be one who will undertake advanced Greek study with the view to its further pursuit as a teacher, & this purpose will be considered an element in determining the award.

The recommendation to the Faculty shall be made by the senior Professor of Greek in conference with the President, & upon a two-thirds vote of approval shall be referred to the Trustees for their confirmation. If in a given year there shall be no appointment, the interest of the foundation shall in that year be added to the principal.

The appointment shall be for one year, to some University in Europe or in America, to be approved by the Faculty, after the award.

The stipend of \$500 shall be payable, one-third in October, one-third in February, & one-third in May, subject always to satisfactory proof of the Fellow's diligent progress.

Near the termination of his appointment, & before the third payment, the Fellow shall make to the President a full written report, to be kept in the College records.

REGULAR COURSES OF INSTRUCTION

¶ These are two, the Classical & the Latin-Scientific, each occupying four years, & requiring attendance upon an average of three exercises daily. They are well-balanced, & their elective features are comprehensive. This register gives a 'Summary of Studies' as this year administered: but hereafter the electives will be arranged under a 'group system' under which each student will be required, under approval, to make a consistent & continuous choice. Transfers of electives may then be made only for reasons positively approved as valid by the Faculty.

At least one College year will be required in each subject (when duly reached in the course) upon which Freshman entrance is reckoned, such preparation in a particular subject thus bearing upon work to be done in College.

At least one College year in one of the Natural Sciences, & at least two College years in at least one of the Modern Languages, will be required for graduation.

The purpose of all the College program is to discipline alert & accurate thinking, together with skill in critical & forcible expression. Thoro introduction is sought to the principles & fundamental facts in the study of Man & his world. Specialization is not attempted, nor knowledge alone, but the stimulation of precision, force, imagination, comprehension. The College has keen individual regard for the net man.

In all cases two hours of laboratory work count as one hour of recitation. Two hours of actual observational study in the field are reckoned as two laboratory hours.

RELIGIOUS INSTRUCTION

¶ Hamilton College is under no denominational control & never was. In no sense sectarian, neither is it secular. It avows its historic debt both to the Christian faith & to the patriotic devotion of its founders, & treats the devout recognition of God, revealed in His world and His word, as elemental & indispensable in the development of true manhood.

As a regular College exercise there is held in the Chapel each week-day morning at half-past eight a brief service, with Bible reading, praise & prayer. Each Sunday afternoon at four there is public worship, at which all members of the College are required to be present.

Class prayer meetings are of regular appointment. The Young Men's Christian Association maintains an influential life. Courses of special Bible study are conducted by the Association. A good Reading Room is provided. The President of the Association for the current year is Charles B. Thompson, '13.

Every Christian man entering the College is urged, by letters either of commendation or of transfer, to relate himself to the College Church. The Lord's Supper is celebrated once each term. Biblical Instruction is a part of the course.

EXAMINATIONS

¶

1. Of all the classes, at the close of First & Second terms.
2. Of the Senior Class, two weeks before Commencement.
3. Of the other classes, the week before Commencement.
4. Of delinquents, at the opening of each term, & upon one day of the Easter recess.
5. German Prize Examination, Saturday, June 7th.
6. Of TOMPKINS prize competitors, Saturday, June 7th.
7. Of CURRAN & HAWLEY prize competitors, Thursday, June 12th.
8. Of UNDERWOOD prize competitors, the first Wednesday of June.
9. Of SOUTHWORTH prize competitors, the first Friday of June.
10. Of applicants for admission, at each Commencement, & on the Tuesday & Wednesday preceding the opening of the Autumn term.
11. Of competitors for the MAYNARD & BROCKWAY prizes & the ENTRANCE SCHOLARSHIPS, on the two days preceding the opening of the Autumn term.

Competitors in prize examinations receive thereon their term examination grade in subjects so covered, no further examinations in these subjects being required.

DEGREES

¶ The degree of Bachelor of Arts is conferred only upon those who have done all the required work of the Classical Course in both Latin & Greek. The Latin-Scientific Course leads to the degree of Bachelor of Philosophy, or to the degree of Bachelor of Science to one who has successfully pursued, at the least, two entire courses in the Natural Sciences, or in one of these & in Mathematics. No Bachelor's degree, nor Ph.D., nor Sc.D., honorary, will be given.

Graduates of three years' standing who have continued in study are entitled to the Master's degree, corresponding to their earlier degree, upon application, in early May, to the President. Such candidates should be present at Commencement to receive their degrees in person, & they

will be represented in the Commencement exercises by a graduate orator to be selected by the Faculty. The fee for the Master's degree, in course, is \$10, payable in advance, & the same for the Bachelor's degree, given *nunc pro tunc*. No degree *nunc pro tunc* will be conferred except on affirmative proof that since leaving College the candidate has pursued a life of scholarly attainment & has by ability & conduct justified the degree as fully as if his College course had been completed, & no such degree will be conferred *in absentia*.

Resident graduates may receive the second degree by continuing their studies for one year under the direction of the Faculty, as a fifth College year. They must, under approval, choose two related subjects, offering finally a full thesis upon one of these, & meeting at the end of each term examinations in both subjects; also, at the end of the year, an oral examination in both subjects before a committee of two members of the Faculty. The names of such students, with their subjects of study & of theses, shall be submitted to the Faculty early in First term.

Students who have taken their Bachelor's degree at another college, with course equivalent to Hamilton's, may also become candidates for the second degree, upon one College year of strictly resident study in this College. They will be charged for room-rent & tuition at undergraduate rates. Bachelors not in residence, under provisions agreeing with the above paragraph, may receive the second degree in two years, upon the payment of the regular rates for tuition.

Honorary degrees will be conferred only upon those who, accepting advance notification, are present to take the offered degrees in person.

PUBLIC EXHIBITIONS

¶ CLARK Prize in Oratory, the last Wednesday evening in May.

McKINNEY Prize Declamation, Thursday afternoon in Commencement Week.

McKINNEY Prize Debate, Friday afternoon in Commencement Week.

COMMENCEMENT DAY is the last Monday, save one, in June.

HONORS, GRADES, & COMMENCEMENT APPOINTMENTS

¶ According to these departments, or groups, viz.:—Greek; Latin; Mathematics; German; French; Italian & Spanish; Rhetoric & Oratory; English Literature, including Old English; Psychology, Logic & Pedagogics; Philosophy; Ethics, including Bible Studies; Chemistry & Biology, Jr. & Sr.; Physics; Geology & Mineralogy; Law & Political Science; American History;—honors will be awarded at the end of the course, based upon the average grade in the required work, & also upon the elective work unless otherwise stated when the elective is announced. A student receives an Honor in any department in which he shall have stood 9.2 or better, having in every case an examination record for all subjects upon which the Honor is based.

Each class is divided into four groups, viz.:—High Honor, including those whose average is 9.2 or over; Honor, those whose average is from 8.6 to 9.2; Credit, those whose average is from 8 to 8.6. Graduation, which cannot be below 6. In each September announcement covering the previous year's work, if complete, is made of the first three groups in each class.

The Valedictorian & the Salutatorian shall be the two members of the graduating class who have had the highest & next to the highest standing for the entire course.

Commencement speakers shall not exceed seven in number, & will be: The successful Clark Prize Orator; the Pruyne Medal, Head Prize, & Kirkland Prize Orators; the Salutatorian & the Valedictorian; together with the appointee to the Master's Oration. But if either of the above named is not appointed, or if two appointments fall to one person, the Faculty, in its discretion, may appoint a further orator or orators, from those of High Honor grade and excellent rhetorical record.

SUMMARY OF STUDIES; CLASSICAL COURSE

FRESHMAN YEAR

FIRST TERM.

4 Algebra.
3 Lysias' Orations.
 Greek Grammar & Prose Composition.
3 Livy. Cicero (De Senectute). Composition.
3 German, begun. *Brandt's Grammar & Reader & Lodeman's Manual*.
2 Principles of Public Speaking.
2 Writing English. Declamation.
1 Bible. The Epistle of James, or Hebrews.

SECOND TERM.

4 Plane Trigonometry.
3 Homer's *Odyssey*. Jebb's Introduction.
3 Odes & Epodes of Horace. Composition.
3 German, continued.
3 Rhetoric. Writing English.
1 Chapel Declamation.
1 Bible. Studies of the Life of Christ & Paul.

SOPHOMORE YEAR

FIRST TERM.

4 Demosthenes on the Crown. Greek History.
3 Selections from Tacitus. Roman History.
3 Analytic Geometry. *Tanner & Allen*.
3 French, begun. Grammar & Reading.
2 German. *Schiller's Tell, & Jungfrau v. Orleans*. *Goethe's Hermann & Dorothea*.
2 Writing English. Declamation.
1 Hebrew History & Origins of the Bible.

SECOND TERM.

Required, (9 hours).

3 French, continued.
3 English Literature. General Introduction.
2 Declamation. Debate.
1 English Bible & its History.
 Elective, (9 hours).
3 Calculus. *Granville*.
3 Idylls of Theocritus. *Kynaston*.
3 Applied Trigonometry, Field-work. (10 men).
3 German. Modern Plays & Short Stories.
3 Cicero's Letters. Pliny the Younger (rapidly).
2 Elementary Botany & Field-work. (15 men).
1 Hygiene.
1 Theory & Structure of the Oration.

JUNIOR YEAR

HOURS. FIRST TERM. Required, (6 hours).

3 Psychology.
3 Written Discussion. Declamation. Debate.
 Elective, (12 hours).
3 Greek Tragedy, or Plato. Alternate.
3 Latin. Plautus. Terence. Seneca.
3 German. *Schiller's Wallenstein*. Hist. Prose.
3 French Tragedy.
3 Anglo-Saxon.
3 English Literature. Prose.
2 Sociology.
3 American History, to 1783.
3 Mediæval History of Europe.
3 General Biology. Lectures & Laboratory.
3 General Chemistry, with Laboratory. (4 as 3).
3 Physics. Electricity.
3 Mineralogy.
3 Calculus. *Granville*.
1 Bible. The Book of Job.

SECOND TERM.

Required, (6 hours).

2 The Elements of Economics.
2 Logic & Laws of Evidence.
2 Declamation & Orations. (2 hours as 1).
1 Debate.

Elective, (12 hours).

3 Greek Comedy, or New Test. Gk. Alternate.
3 Roman Satire.
3 German. Romanticists. Lyric Poetry.
3 French Comedy.
3 Middle English; Chaucer, etc.
2 English Literature.
3 American History, 1783-1877.
3 Modern History of Europe.
2 Experimental Psychology.
3 Advanced Analytic Geometry.
3 Dynamical Geology, with Field-work.
3 Embryology, or Histology. Alternate years.
3 General Chemistry, with Lab. (Hour extra).
3 Physics. Electricity & Sound.
1 Photography. Laboratory, (d. h.)

SENIOR YEAR

FIRST TERM. Required (3 hours).

- 1 Ethics. *Calderwood.*
- 1 Parliamentary Law, & Debate.
- 1 Orations.
- Elective, (15 hours).
- 3 Hebrew.
- 3 Greek. With Juniors. Alternate courses.
- 3 Latin. Catullus & Elegiac Poets.
- 4 German. Goethe, (3). Seminar, (1).
- 3 Italian, or Spanish. Alternate years.
- 2 French. Modern Prose.
- 1 Seminar in Romance Philology.
- 2 Astronomy. *Young's Manual.*
- 4 Advanced Chemistry.
- 4 Structural Geology, with Field-work.
- 3 Physics. Mechanics & Heat.
- 2 Physics. Laboratory. (d. h.)
- 3 Zoology, or Elementary Bacteriology.
- 4 Projective Geometry. *Cremona.*
- 3 Elementary Law.
- 2 Advanced Economics.
- 1 Seminar in Political Science.
- 4 American Constitutional Government.
- 3 Philosophy, Plato to Kant.
- 2 Metaphysics.
- 3 Education & Pedagogics.
- 2 Seminar in Writing English. (10 men only).
- 3 English Literature.

SECOND TERM. Required (2 hours).

- 1 Christian Evidences. Lectures.
- 1 Orations. Elective, (15 hours).
- 1 Debate.
- 3 Hebrew.
- 3 Greek. With Juniors. Alternate courses.
- 3 Latin. Roman Life. (2). Pro-seminar. (1).
- 4 German. Luther. Lessing. (3). Seminar, (1).
- 3 Italian, or Spanish. Alternate years.
- 2 French. Modern Lyric Poetry.
- 1 Seminar in Romance Philology.
- 4 Advanced, or Agricultural, Chemistry.
- 1 Chemistry of Nutrition.
- 4 Historical Geology, with Field-work.
- 3 Physics. Light.
- 2 Physics. Laboratory. (d. h.)
- 3 Advanced Physiology, or Anatomy.
- 4 Differential Equations. *Murray.*
- 2 Advanced Solid Geometry.
- 3 Elementary Law.
- 2 Public Finance.
- 1 Seminar in Political Science.
- 2 American Constitutional Law.
- 2 International Relations of the United States.
- 3 Philosophy, Kant to Spencer.
- 2 Æsthetics.
- 3 Pedagogy.
- 2 Seminar in Writing English. (10 men only).
- 2 English Literature.
- 2 Bibliography. Lectures & Library work.

¶ On the page following is given the modification of studies, for their first two years, for the men who take the Latin-Scientific Course, that is, who enter offering French and German & no Greek. Their Junior and Senior years are referred to these two preceding pages. Their earliest work will be appointed in the alternative subjects stated, according to the ratio of German to French with which they enter, and according to whether they choose to begin Greek in either year. The assignment of work in the first year in the variable subjects will be for the year entire, without change. The same amount (by College measure) of German and French is required in aggregate as for the men in the Classical Course. An entrance condition in either of these will be made up, extra, in appointed class.

LATIN - SCIENTIFIC COURSE

FRESHMAN YEAR

HOURS. FIRST TERM. SECOND TERM.

4	Algebra.	4	Plane Trigonometry.
3	Livy. Cicero (De Senectute.) Composition.	3	Odes & Epodes of Horace. Composition.
2	Principles of Public Speaking.	3	Rhetoric. Writing English.
2	Writing English. Declamation.	1	Chapel Declamation.
1	Bible. The Epistle of James, or Hebrews.	1	Bible. Studies of the Life of Christ & Paul.
6	Outlines of World History; or German, French, or Greek begun.	6	Two of these four : German; French; Greek; or Hygiene & Botany with Sophomores.

SOPHOMORE YEAR

FIRST TERM. Elective, (12 hours).

3	Selections from Tacitus. Roman History.	3	French.
3	Analytic Geometry. <i>Tanner & Allen.</i>	3	German (with Juniors).
2	Writing English. Declamation.	3	Greek, with Freshmen.
1	Hebrew History & Origins of the Bible.	3	Cicero's Letters. Pliny the Younger (rapidly).
9	Three of these five: Chemistry; Biology; German; French; Greek.	3	Calculus. <i>Granville.</i>
		3	Applied Trigonometry. Field-work. (d. h.)
		3	Chemistry, (with Juniors).
		3	Biology, (with Juniors).
		2	Elementary Botany.
		1	Hygiene.
		1	Theory & Structure of the Oration.

SECOND TERM. Required, (6 hours).

3	English Literature. General Introduction.
2	Chapel Declamation. Debate.
1	English Bible & its History.

REGULATIONS AS TO ELECTIVES

¶ For Junior, & for Senior year, studies, not before taken, may be chosen, subject to department consent, from the electives of an earlier year. Juniors may elect Spanish or Italian from the Senior program. One full year of one of the Natural Sciences is required of every student, for graduation.

A student not returning his elective card *properly filled* within the time named upon the card, will have studies assigned to him by the Faculty at its next regular meeting, unless *before that meeting* he shall present a properly filled card, with a satisfactory reason for the delay.

No student may change an elective later than *the day next before the opening day of the term*, & then only upon written application to the Faculty before 3 p. m. & duly approved.

Studies elected "extra" & approved, shall be as binding in all particulars as other electives, unless cancelled under the formal consent of the Committee of Schedule & Studies.

ABSENCES & EXCUSES

¶ 1. Each student, if without conditions or delinquencies, has the following privilege of absence from the assigned exercises in each department, amounting to about 10 per cent., & the same in either term: Morning chapel, 12; exercises having one hour a week, 2; two hours, 3; three hours, 5; four hours, 6. All absences are counted double if taken in the four days just before or after any vacation or recess, or in the two days just before or after any holiday.

This privilege includes neither rhetorical appointments nor formal reviews, written or oral. The allowance is primarily meant to cover incidental illness, & one uses it for other casual absences at his own risk. The relation of protracted sickness (exceeding the term's total allowance) to College standing, & to prize competition, will be dealt with by equity rather than by precise rule: but men subject to frequent maladies are not expected to be able to maintain their places in College. General neglect will at any time be held a sufficient reason for exclusion. A warning for misconduct forfeits, for that term, all privilege of allowed absence.

2. Permission for definite anticipated absence in representation of any College organization, athletic, musical, etc., must be sought, thro the Dean, not less than three days in advance. Such plans must be authorized by the Faculty before definite engagements are made, & all athletic matters will be subject to consideration & report by the Faculty's standing committee. Two students only may be excused, only in advance, as delegates to annual meetings of Societies & other College organizations, & for such permission a written request must be presented, thro the Dean, signed by the proper officers, & stating the names of the proposed delegates, the place & date of meeting, & the minimum of time needed. Excuses to those above described shall in a given term not exceed in the first term two & in the second term three extra to the assigned allowance in any given appointment. Applications to the Dean for absence in order to vote, & under other exceptional necessity, will be considered, strictly in advance, under the general principles of this rule.

3. All students are required to attend Public Worship each Sunday afternoon at four, in the College Chapel, & occasional excuses will not be granted. But the President may excuse one who statedly conducts religious services elsewhere.

4. For absence from term exercises, outside of examinations, no excuses other than those before described will be given. Excuses covering examinations will be dealt with by the Faculty, only upon written application, to be presented thro the Dean. Failures & delinquencies in rhetoricals are to be satisfied upon the first Wednesday & first Saturday following a regular delinquent day. Any classroom work lost by absence may be required to be made up to the Instructor concerned.

5. No student will be excused as one of an athletic team, or other College organization, who has an unsatisfied delinquency whatsoever, or a condition, or whose

absence would be detrimental to his work; nor may a student play in any match game who has more than one delinquency or condition.

6. Any student delinquent in scholarship, or with a condition, shall have a *minimum allowance* only, of *ten absences* in the term, distributed at his option. One having full allowance & who in a given term exceeds this shall incur a two-hour *delinquency of attendance* & until removing this delinquency shall have only the 'minimum allowance': but in reckoning such excess two credits of unused allowance shall offset one excess elsewhere.

A student upon minimum allowance & *not exceeding* this in a given term may thus *remove* one delinquency of attendance: but if exceeding the minimum allowance by more than *five* absences he shall incur an additional delinquency of attendance.

One who because of 'protracted sickness' has been granted 'relief from zeros' shall in the term next following have only the minimum allowance: but (if there is no further excess) the delinquency shall not be imposed. If on the spring delinquent day one removes all delinquencies of scholarship & has no delinquency of absence he shall receive a further allowance of ten absences for that term.

STANDING & DELINQUENCY

¶ 1. Each Instructor records all exercises before him, upon a scale of merit from ten to naught. Promptness & regularity are held as merit.

2. Successful prize competitors, & appointees for Prize Declamation, Prize Debate, & Clark Prize, receive each twenty perfects. Other competitors receive 15, 10, or 5 perfects, as their extra work may deserve.

3. "Delinquency of failure" is failure (a) to attain, in any study, a term grade of five, such failure excluding from that class examination; *or*, (b) to attain a credit of five in Debate, or in the Chapel Rhetoricals; *or*, (c) to attain a record of six in any required examination. A subject delinquent or postponed and not earlier satisfied must be met by taking it, extra, in class when next it recurs. Vacation addresses must be left with the Clerk of the Faculty.

4. Delinquent examinations are held at specified hours of the day preceding the opening of first term, of the eighth day of second term, & of the final day of the Easter recess. Those with no more than two unsatisfied examinations may report for them on these days only. Those having more than two & who on such days shall have attempted two of these, may further report on this same day to the Instructor concerned for appointments, in subjects additional to those two only, for not later than the second succeeding day: but the Easter recess day shall not be so extended. To be recommended for a Degree with his class a Senior must, upon the Spring delinquent day, be left with no examination earlier than Senior year unsatisfied, & also by the year's end must have removed all delinquencies of attendance.

Failures of first term Senior if attempted but not passed in the Easter recess, may be satisfied, as also any failure of second term, at a first subsequent appointment only, not later than the final Tuesday of the year. One failing of a degree with his class may be examined only upon a subsequent delinquent day, & if passing will be recommended to the Trustees to receive his degree at the next Commencement thereafter.

5. Excused examinations, to be reckoned as a basis for Department Honors, must be satisfied before the beginning of the second term following that in which the subject is considered in class. Residence for two-thirds of Senior year is a condition of graduation. No student having an unsatisfied examination, or delinquency whatsoever, shall enter any prize examination, or writing competition, or be eligible for appointment to any prize contest; nor may an appointee compete for an award if having, at the time of the contest, a delinquency by a term record of less than five in any subject.

6. Whenever a student's delinquencies shall amount to TEN HOURS, he shall thereby be separated from his class. To continue in College he must enter a lower class. He may in no case return to a class from which he has been dropped, & to be readmitted to College must be free from all conditions or failures up to that point at which he is entered.



OUTLINES OF DEPARTMENT WORK

RHETORIC & ORATORY

¶ Freshmen in the first term have the Principles of Speaking as a two-hour subject, based upon the theories of Mandeville. The instruction also aims to teach proper methods of breathing; to correct faults of articulation & enunciation; to develop the voice; to give control of the body in attitude & gesture, & by the inductive method to teach the theory of interpretive speech. There is practice in class with vigilant criticism.

In the second term the Freshmen have three hours in Rhetoric. Text-book work is supplemented by written exercises criticised in class. Writing English is a class exercise for a year & a half.

Freshmen & Sophomores declaim before the College each week during the entire year, & Juniors during their first term.

There is each week a further College exercise in which Juniors appear with discussions first term, & orations second term, & Seniors with orations for the year. Introductory to the oratorical work lectures are given upon the Structure of Orations, & notable orations are analyzed in class. In the second term an advanced elective in the Theory & Structure of the Oration is offered to Sophomores.

Competitors for prizes in oratory & declamation receive critical individual preparation.

The regulations governing the comp-

itions for prizes in this department are to be found on later pages of this Register.

Beginning with second term Sophomore & continuing for Junior & Senior years, here is each week a class appointment in Debate, with criticism and suggestion in the theory of oral argument. During the first Senior term this work is combined with instruction in Parliamentary Law.

The work of this department has long made Hamilton eminent in the art of personal expression, both in utterance & in writing. Minute individual preparation is made for each Chapel appearance. A general interest in these methods & their results pervades the College, & these courses lead many men to recognize & develop a gift before unguessed. An emulative zeal is quickened that works surprising personal improvement.

For lawyers, preachers, teachers, the work is invaluable: but for all men it has practical bearing upon thought & insight, as well as upon carriage, demeanor, verbal felicity, literary acumen, & moral force. There is none whose capability, whether as citizen or scholar, is not enlarged by this discipline. There is a great school demand for men competent to teach these subjects.

MATHEMATICS

¶ The required work in Mathematics extends thro the first three terms of the course. In each remaining term an advanced elective is offered. The division of classes into sections of about fifteen insures constant attention to the individual.

Frequent reviews are required & students absent for any reason from these

must make them up or suffer in grade. The exercises of the recitation are rarely those of the text. The object is not only to acquire principles & formulas of mathematics, but even more to develop the power to analyze & to reason with mathematical symbols.

To incite those having talent & taste for mathematics toward increased exertion and attainment, problems of special interest are assigned for voluntary solution,—such work tending to give those who perform it a higher grade.

The examination for the Tompkins Prize involves the work of the class in Analytical Geometry, & in the Calculus. The problems presented for solution, while involving methods and principles with which the men have been made familiar, are in their form entirely new. The examination will test ability to apply in new directions, readily & accurately, the acquirments of the mathematical course.

The twenty-third award of the Edward Huntington Prize Scholarship will be made in June, 1913, for the class of 1914, upon the basis of mathematical standing for the required portion of the course, of the Tompkins Prize Examination, & of the elective work so far in higher mathematics.

FIFTY-NINTH TOMPKINS PRIZE EXAMINATION

Saturday, June 7th, 1913

¶ The competition will be held in Root Hall from nine a. m. until one p. m. The work will be the solution of eight problems, based upon the mathematics of Sophomore & Junior years.

Copies of the successful prize papers will be kept by the College.

GREEK

¶ Greek is a required study during the first three terms of the Classical Course. The work of Freshman year embraces a thoro review of forms & syntax, exercise in Prose Composition, & special work upon the Homeric vocabulary. The first term of Sophomore year is devoted to Demosthenes & Plato,—the readings supplemented by lectures & informal discussions. During the required course lectures on Greek Art and Archæology are given, with special attention to Homeric life.

The elective work begins with the reading of Theocritus in the last half of Sophomore year. During Junior & Senior year alternate courses are given which students of both classes may elect.

For the current year Tragedy and Comedy are offered. A careful study of one tragedy is undertaken as a general introduction to the principles of Greek dramatic art. Other dramas are read in parts or are rapidly translated by the instructor. The "Four Plays of Menander" will be used in connection with Aristophanes. In the year 1913-1914, a course in prose writers will be given. Plato's Phaedo or Georgias will be read entire as a general introduction to Platonism. This will be followed by a study of New Testament Greek, the aim of which is to introduce the student to the interpretation of the text and particularly to show the important place which the New Testament holds in the history

of the language. The course in poetry given in alternate years is accompanied by illustrated lectures on Olympia, Delphi & the Greek theater. Juniors who elect one of the two alternate courses as above described may enter the competition for the Curran & Hawley medals.

Students who enter College with no Greek have the opportunity to take it as an elective study at the beginning of Freshman or of Sophomore year. The first year is devoted to elementary work, & the first half of the succeeding year to Homer's Iliad. This course is at present merged with the Classical course at the beginning of the second term of Freshman year. Successful prosecution of the subject thro two and one-half College years is for such students a qualification for the A.B. degree.

The Vrooman Prize Entrance Scholarship, the Griffith Senior Scholarship & the Locke Fellowship are awarded each year under the terms stated elsewhere.

LATIN

¶ Latin is required for three terms & is thereafter offered as an elective without interruption for the remainder of the course. The elective work will usually include selections from Cicero's Letters, Roman Comedy, Roman Satire, Roman Law, private & constitutional; & for Seniors, Latin Historical Grammar, Latin Syntax & advanced Prose Composition. This work will be expected of those desiring the recommendation of the department to positions as teachers of Latin.

During Freshman year Latin Grammar is thoroly reviewed & its principles

applied & illustrated in reading & writing Latin Prose. With the reading of Horace in the second term increased attention is given to the historical & literary interpretation of the authors read. In Junior year, in connection with the reading of Comedy & Satire, Roman private life is studied, & time is devoted to the study of Roman private law, or to the history & description of the Roman constitution. The course in Senior year is especially designed for those intending to teach Latin, or to pursue its graduate study.

It is purposed to impart the ability to appreciate Latin, to acquaint the student with the Roman culture, to develop his literary taste, & not least, to aid him to attain clearness & precision in the use of English.

FIFTY-EIGHTH

CURRAN & HAWLEY PRIZE EXAMINATION

Thursday, June 12th, 1913

¶ The award of the Curran medals is determined by written examinations in Greek & Latin, at the close of the first Junior term. The Hawley medals are given for excellence in the entire Greek & Latin work, so far, of Junior year.

The competition is open to Juniors who elect Greek & Latin, & the examinations will begin at 9 o'clock, to close at 12 in Greek & at 5 in Latin.

In estimating merit these points will especially be considered:

Exactness in rendering, with fullness & accuracy of information; & neatness, elegance & logical arrangement in the exhibition & expression of knowledge.

The work required may include:

Translation from & into Greek & Latin; analysis of words, including derivation, synonyms, inflection & dialect changes; analysis of sentences, with rules of construction, illustrative maps & drawings, & answers in History, Geography, & Mythology; analysis of metres, including quantity, rhythms & nomenclature; rules & practice of Greek accentuation; criticism on the style & matter of the authors quoted.

LAW, ECONOMICS & POLITICS

¶ Elementary Law is an elective thro first & second terms Senior. The sources, the nature & the development of law are studied in the Roman, the English & the Germanic environments. The topics covered in first term include the characteristics of the common law, the characteristics of equity, procedure in common law & in equity, government & sovereignty, the police power, constitutional guarantees, the construction of statutes. The third hour of first term is reserved for the reading of Blackstone & of important English & American decisions. The work of the second term covers the fundamental principles of the law of corporations, with the particular study of American railway law as a pertinent example of the development of legal control thro discussion & public opinion.

Economics is a required two hour subject in second term Junior & a two hour elective in first term Senior. The second part of the course covers special studies of important economic questions. Particular attention is given to the growth & development of industry & commerce in the United States, & tariff, financial, labor & trust problems are treated in detail.

An elective in Public Finance is of-

ferred in the Senior first term, with emphasis upon expenditure, taxation, the public debt & the budget. The point of view is American, but constantly comparing the practice of other leading nations.

Sociology is a two hour elective of first term Junior. The course is especially related to History, Economics & Law.

The one hour Seminar in Politics, first & second terms Senior, is elective for those who have attained advanced standing in all subjects in this department to the end of the Junior year. The purpose of the Seminar is the particular discussion of important modern political problems & the preparation for original research.

AMERICAN HISTORY

¶ American History & Government is offered as an elective for Junior & Senior years. Three hours a week, both terms of Junior year, are given to the political history of the colonial and constitutional periods in succession. Library work trains each man in methods of finding and using the materials of history, & extends his acquaintance with authorities. This work is carefully directed & supervised. Thoro preparation of text-book assignments is required & many subjects are discussed in systematic lectures.

The development of American Constitutional Government is the course for first term Senior, four times a week. The subject is studied historically. Lectures are given on the English origins of our institutions. Attention is given to Comparative

Politics. Resemblances & differences between our own institutions & those of the great European nations are pointed out. The text of the Constitution of the United States is carefully studied. Courses of lectures are given on the political & constitutional history of America. Each man has special assignments for library work.

The development of American Constitutional Law is a two hour course, second term. A text book is used, & important opinions of the Supreme Court are reported to the class.

The International Relations of the United States are studied in a two hour course, second term. The history, applications & present status of the Monroe Doctrine; the position & policies of the United States in Spanish America & in the Far East; & the relations of America to the European Powers, are the leading themes for lectures.

The aim of the courses in American History is to give thoro training in method & an adequate knowlege of facts. To this end careful personal oversight of each man's work is constantly maintained.

ENGLISH LITERATURE

¶ The courses give a general survey of English Literature, with special introduction to those writers most stimulating & suggestive & likeliest to develop a critical & catholic taste. Frequent reports & short critical essays are required from the students & the expression of independent literary judgments is encouraged.

The work begins, second term Sophomore, with a review of the history of English Literature, accompanied by the

study of masterpieces illustrating the several literary periods. Attention is given to the forms of prose & poetry, & to right methods of literary study. This course, required of all students, is followed by elective courses, extending thro Senior year. In Junior year, representative writers of the nineteenth century are read, with attention to the principal intellectual movements of their time, as illustrated in their works.

In the courses offered to the Seniors, the critical reading of Spenser, Marlowe, Shakespere, Bacon & Milton is made the basis for an understanding of the literary activity of the English Renaissance.

The history of the English Language is studied, in connection with Old & Middle English language & literature, in two consecutive courses of Junior year. The class reads the most interesting West-Saxon prose, selections from Beowulf & other Old English poems & representative works of Chaucer.

EUROPEAN HISTORY

¶ For Junior year, the Mediæval & the Modern History of Western Europe are electives.

MODERN LANGUAGES & PHILOLOGY

¶ German is a required study for three terms, beginning with the first term Freshman for classical students, continuing as an elective thro the course.

As to the Duell German Prize Scholarship see page 21. The Brandt German Prize competition takes place on a day during, or immediately preceding the final

Senior examinations, from 9 A. M. to 1 P. M. It covers the work of the whole German course.

French is required of Classical students three hours for the entire Sophomore year, & continues as an elective thro the course. Both German & French carry department honors.

Latin-Scientific Freshmen enter upon French & upon German according to their preparation, normally upon German with Sophomores first term & French with Sophomores second term.

Italian & Spanish are electives in alternate years during Senior year. Especial attention is given to the literature of Italy & to its relation to European thought. The 'Inferno' of Dante is made the basis of a study of the whole culture of the Middle Ages. Spanish & Italian unite in a department honor.

In the required work of this entire department a thoro grammatical & reading knowledge is intended, & with this is combined prose composition & the oral method. A large acquaintance with the literature, life & spirit of the Germans, French, Italians, & Spaniards, is sought, together with a philological & practical knowledge of their languages.

The plan of study includes:

- (a) Reading from the Classical Literature of Germany, France, Italy, & Spain.
- (b) Sight reading of plays & short stories & extracts from works under current preparation.
- (c) Composition, Conversation & Phonetics.
- (d) Outlines of the Histories of the several Literatures, & lectures on the authors read.
- (e) Higher Grammar, including Phonetic Laws, the History and Development of Forms, the history of each language, with special ref-

erence to the relations of English & German, & of English & French.

(f) Specimens of Middle High German, of Old French, & of Modern dialects.

(g) Lectures on Comparative Philology & on the Science of Language, with the aid of Paul's Principles of Language-History, Strong-Logeman-Wheeler's History of Language, Whitney's & Siever's articles on Philology in the Encyclopedia Britannica.

To the advanced work mentioned under (e) (f) & (g) one hour a week is given during Junior & Senior years.

The Modern Language Rooms are provided with dictionaries & other reference books.

PHILOSOPHY & PEDAGOGICS

¶ Psychology, descriptive & explanatory, is required three hours a week thro first term Junior. An elective in Experimental Psychology two hours a week is offered second term Junior.

Logic & Evidence are a required study two hours a week second term Junior. Deductive & Inductive Logic, & the Rules of Evidence as presented in Greenleaf on Evidence, constitute the subject matter of this course.

The History of Philosophy is offered as an elective study three hours a week in the two terms of Senior year. The subject is presented by lectures, readings from original sources, essays & discussions. Discipline in accurate thinking & skill in precise statement of opinions formed are the aims of this course in Philosophy.

Metaphysics & Aesthetics are electives two hours a week thro both terms Senior. The doctrines of the historic schools will be investigated & the application of metaphysical & aesthetic theory to current beliefs & discussions will all be in point.

Pedagogy is elective three hours a

week thro the two terms of Senior year. The History of Education, Pedagogics, and the Science of Education are the features of the course.

TEACHERS' CERTIFICATES

¶ Under the rules of the Education Department of the State of New York, a "Professional Certificate", valid for three years, is granted to a graduate of an approved College. At the end of three years' successful experience in teaching, a College Graduate Certificate will be issued, valid for life. This will exempt from further examination, save in the case of certain cities making an exceptional demand.

The course of Hamilton College in Pedagogics, approved by the State Department, must have been completed if the certification of this department is sought.

HEBREW

¶ An elementary course in Hebrew is an elective thro Senior year. The elements of the grammar are mastered, & some twenty chapters of Hebrew prose are read. The second term introduces Hebrew poetry, with the reading of parts of the Song of Songs, or certain Psalms.

This course is not meant to take the place of Hebrew in the Theological Seminary, but to prepare the student for an advanced discipline there. It is of value not only to those who intend to become preachers, but to all who are interested in the study of language, as giving an introduction to the characteristics of the Semitic family of speech.

ETHICS & APOLOGETICS

¶ Ethics is a required study of first term Senior. A text book is used. The history of Ethical theory; its central importance; the basis of moral obligation;

the resultant duties to God & to man; the interpretation of conscience; the moral purpose to be sought in the whole complex of society;—such are the vital pursuits of this course. A carefully planned course, arranged with required one-hour subjects thro the first two years, offers a thoro introduction to the English Bible, together with outline studies of some of its chief topics.

As the completion of this course, the Seniors, second term, are occupied one hour a week with the religious argument from the Natural Creation, & with the Evidences of Christ's portrayal in Holy Scripture and His revelation in history as the Divine Redeemer of the world.

CHEMISTRY

¶ To this department a fine stone laboratory, in two stories, is now devoted, greatly facilitating the work in the principal branches of pure Chemistry.

The first year of study is devoted to acquaintance at first hand with the elementary facts of Chemistry, thro experimental lectures, general experimental work in the laboratory, & recitations. The work is synthetic rather than analytic: but quantitative experiments, designed both as a laboratory discipline & as a means of impressing upon students the fundamental laws of Chemistry, are introduced early in the course.

The work after the first year is arranged to meet the preference & fitness of the men. Special courses are offered in Advanced Inorganic & Organic Chemistry, General Physical Chemistry, Electro-Chemistry, Analysis, Chemistry of

Nutrition, & Applications of Chemistry to Agriculture.

The aim is to give such an introductory view of the subject as will tend to widen the student's general interest & intelligence, & to enable him to observe accurately & to reason logically with regard to natural things. But also the department is in a position to give thoro preliminary training to those who plan to enter scientific professions, & it is equipped for analytical & other special work.

Students in the Latin-Scientific group who intend entering Chemistry as a profession may, by special arrangement, elect chemical studies thro Sophomore, Junior and Senior years.

The fee is six dollars a term, with a further charge of four dollars to cover breakage, excess extra.

BIOLOGY

¶ In General Biology, which is fundamental for all the courses, the great principles of life phenomena are illustrated by the study of living plants & animals, & by dissection & experiment. The study of form is made second to that of function.

Work of the laboratory & the class room is used to introduce the student to the literature of the subject. The most important reference books are kept in the laboratory.

For the first year the work is arranged on such broad lines as tend to show the basal relations of Biology to other fields of knowledge. The later & more special work is arranged to present the relations of man to the great problems

of Sanitation, Anatomy, Histology, Embryology & Physiology. This portion of the work occupies two years.

The total aim is to develop self-activity & growth on the part of the student rather than to give special training for advanced professional work.

The laboratory fee is eight dollars for each of the two terms.

PHYSICS

¶ The first floor of Science Hall is devoted exclusively to the use of this department. Masonry piers in the lecture room & laboratories furnish rigid supports for delicate instruments. The arrangements for experimental demonstrations are ample. Six terms are occupied with electives in Mechanics, Heat, Sound, Electricity, Magnetism & Light. There is special instruction in physical experimentation, in the theory & method of physical measurement, & also in practical Photography. Descriptive Astronomy is for the present allotted to this department, as a two hour elective of second term Senior.

The fees are, in Physical Laboratory, three dollars; in Photography, four dollars.

ASTRONOMY LITCHFIELD OBSERVATORY

¶ The Astronomical Professorship & the Observatory were endowed by the late Hon. Edwin C. Litchfield, LL.D., '32. The Observatory comprises a central building twenty-seven feet square & two stories high, having two wings, & surmounted by a revolving tower of twenty feet diameter.

The equatorial under the dome, con-

structed by Spencer & Eaton, has an object-glass 13.5 inches in diameter, & a focal length of nearly sixteen feet. The instrument is mounted upon a granite shaft, resting upon a pier of masonry.

By the late Dr. C. H. F. Peters, Director, forty-eight asteroids were discovered at the Litchfield Observatory, beginning with Feronia (No. 72), discovered May 29, 1861, & ending with Nepthys (No. 297), discovered August 25, 1889. Other original & invaluable work was done under this directorate.

The instruction in Astronomy is at present given by the Professor of Physics, who is also Curator of the Observatory. The instruments are used to illustrate this instruction. It is hoped that an amply large endowment may prepare & equip a modern Observatory & provide for its activity. The one-time fame of the College in Astronomy would then be restored. A plea is hereby made to some noble donor to revive & greatly to augment this department & to place it among the best laboratories of stellar science.

GEOLOGY & MINERALOGY

¶ In all the work of this department the student is taught how, by means of books & direct observations, the physical history of the Earth may be interpreted & how, thro inductive reasoning, a fuller appreciation of nature & her laws may be gained.

The courses extend thro the Junior & Senior years. First term Junior, three hours a week are given to Mineralogy. General principles are considered at

some length, after which those minerals of special importance are studied. Practical determinative work in the laboratory constitutes a prominent feature of the course. Constant use is made of the collections which were largely accumulated by the untiring exertions of Dr. Oren Root, Sr., & which make an appropriate memorial of his devotion to this branch of science.

Second term Junior, Geology is begun as a three hour course, Dynamic Geology being first treated. The course continues thro the Senior year as a four hour subject, when Structural, Historical, & Economic Geology are successively studied. These courses are abundantly illustrated by specimens from the College museum.

Certain field-trips replace an equivalent amount of classroom work, the students being required to present reports of their observations. The College is unusually fortunate in its location for geologic field-work, being in the classic Paleozoic region; close to the very ancient Adirondacks; & surrounded by a great variety of Glacial phenomena.

SCIENTIFIC COLLECTIONS

¶ The Knox Hall of Natural History, reconstructed under the legacy of the Hon. James Knox, LL.D., '30, contains two spacious exhibiting-rooms, a lecture-room, & convenient storage-rooms.

A specialty is made of the minerals from this State, & a large case is filled with these, a few from the same horizon in Canada being added. Among these may be found many unusual specimens,

some of which are the finest known of their several kinds. This collection was set up as a special tribute to Dr. Root, Sr., & is named The Oren Root Collection of New York State Minerals.

The Geological & Mineralogical Cabinets & the collections in Natural History include:

2400 specimens of Fossils & Rocks to illustrate the Geology of New York. 1750 specimens to illustrate the Geology of the United States. 600 Fossils, mainly from the Silurian formations of Europe. The recent gift by John D. Conley '69 of several thousand valuable specimens in paleontology. 10,000 specimens of Ores & Minerals. 2000 specimens of Land, Fresh-Water and Marine Shells. 300 specimens in Ornithology, from China.

The Barlow Collection, including 13,000 specimens in Entomology, presented by the late Hon. Thomas Barlow, of Canastota, supplemented by a fine group of specimens in Ornithology & Comparative Anatomy.

The Rev. Henry Loomis, '66, of Yokohama, has contributed a rare collection of Japanese shells & insects.

By the liberality of the late Hamilton White, of Syracuse, the College cabinets were enriched by the Herbarium gathered by the late Dr. H. P. Sartwell, of Penn Yan, and well-known as a large & useful exhibition of the North American Flora, & as the result of fifty years of botanical study, search & correspondence.

A large & valuable collection of butterflies, appropriately mounted, & well cased, was recently presented by Benjamin W. Arnold, Esq., '86, of Albany.

All these specimens are accurately classified & well arranged.

MEMORIAL HALL

The Memorial Hall & Art Gallery occupies the second-story front room of Library Hall, & is under the especial

charge of Messrs. Elihu Root, Henry Harper Benedict, & Hamilton B. Tompkins.

Gifts are invited of objects of memorial interest, such as historical portraits; figures in marble or bronze; engravings, coins, & commemorative medals; local, aboriginal & colonial relics; & also autograph letters & other mementos of distinguished Alumni, officers & benefactors of the College, & of illustrious citizens of the State of New York.

An exceedingly good photograph portrait of their father, Pres. Samuel Brown, D.D., LL.D., was this year presented by his son & daughters.

THE LIBRARY

¶ Library Hall is open every College week-day from nine to one, from two to six, on five evenings from seven to nine-thirty, & in vacations daily from eleven to twelve. Students have access to the alcoves. Tables are placed conveniently, & the librarian is ready to assist investigation. Students and responsible residents of the Town of Kirkland may draw books for two weeks, & may then renew them for one like period if not applied for by another; but all books must be returned to the library two days before the end of each term. Periodicals, & books reserved by request of instructors may be drawn only at the close of library hours, and must be returned at the next opening of the library. On the written request of an instructor, & with the consent of the librarian, a student engaged in special work may draw specified books for a longer period than two weeks. All books whatsoever must be

returned upon call. Persons living beyond the Town of Kirkland may draw books by making application thro a public library where they are known & paying express charges both ways. Fines are imposed for all neglects to meet these rules, & they will be collected by the Bursar.

Limited appropriations have met some of the most imperative needs of the departments; but far more is needed, & friends who will found & name sections or departments are earnestly invited to confer with the President. Gifts of worthy books are always welcome.

The library contains these special collections: The William Curtis Noyes Law Library of 5000 volumes; the Edward Robinson Oriental Library of 2000 volumes; the Charles H. Truax Classical Library of 1300 volumes.

The Munson section in German & French has 2050 volumes; the Mears & Talcott section in Philosophy, 633 volumes; the Tompkins & Perkins & Root section in Mathematics, 1100 volumes; the Class of 1890 section in Political Science, 279 volumes; the Soper section upon the Tariff, 200 volumes; the Kendall Library of History, 1373 volumes; the Walstein Root Memorial Library of English, 505 volumes; the Vedder Library, 200 volumes.

Thro the kindness of Mr. Edward L. Stevens, '90, a Pedagogical library has been begun under the supervision of the department of Philosophy.

A Library of Greek Literature has been founded by Theodore L. Cross, Esq., '81, as a testimonial to Edward

North. This year 83 volumes have been purchased, and a suitable tablet has been placed in the Greek alcove.

Robert M. Pomeroy, Esq., of Buffalo has this year handsomely founded an alcove in Latin Literature as a memorial of his honored & beloved father, the late Theodore M. Pomeroy, '42, LL.D.,

of Auburn.

There were added to the library during the year ending June 1st, 1912, from all sources, 1985 volumes & 3802 pamphlets. Of these, 607 volumes and 1200 pamphlets were by gift. The total of June 1st, 1912, was 53,713 volumes & 20,650 pamphlets.

GIFTS & ADDITIONS TO THE LIBRARY, 1911-12

This speaks of *volumes* only.

Mrs. Sherwood Aldrich,	340		Mrs. W. B. Lucas,	15
W. Blair,	2		James McKee,	2
Prof. H. C. G. Brandt,	13		New York State Grant,	69
Canadian Government,	2		New York State Dept's,	107
Carnegie Institution,	10		Presbyterian Church,	2
Class of 1890,	9		Elihu Root,	26
J. T. Crossley,	3		Prof. Clinton Scollard,	13
College Appropriation,	391		Prof. W. P. Shepard,	132
College Binding,	143		Mrs. C. W. Smith,	12
Theodore L. Cross, Esq.,	83		Smithsonian Institution,	7
H. E. Dounce, for another,	19		Edward L. Stevens,	4
W. H. Hotchkiss,	5		Pres. M. W. Stryker,	64
Prof. J. D. Ibbotson, jr.,	22		Talcott Fund,	40
B. R. Johnson,	9		U. S. Government Dept's,	49
E. N. Jones,	3		Vedder Fund,	200
Kendall Fund,	103		Prof. F. H. Wood,	31
Max Kohl,	2		Single Volumes,	51

WRITING & ORATORY GENERAL & SPECIAL REGULATIONS

¶ Any student in actual attendance, not debarred by delinquency, may write upon any subject assigned to his class.

All papers are to be typewritten, upon letter-sheet pages not larger than 8×11 inches, with broad margins for binding, neatly fastened, not rolled, accurately folioed with folio numbers indicated in the margins, & with a subjoined fictitious name (not in writing), this also placed

upon a sealed note containing the writer's name. Papers not conforming to these requirements will be returned to their authors without credit. The designated custodian, who in the absence of other notification is the President, cannot accept papers that are belated, by whatever cause. Prize orations are not to be published before they are spoken. Successful papers will be the property of the College Library.

Orations & Essays will be estimated upon absolute, as well as upon relative,

merit. Lack of competition will not bar an award, nor will competition, however abundant, secure an award if no competing paper clearly has prize merit.

Prizes awarded will be conferred only upon those actually present to receive them upon Commencement Day, unless absence has prior excuse for stringent reasons presented in writing to the Faculty before the final Tuesday.

KELLOGG PRIZE ESSAYS & COBB ESSAY

¶ These may contain no more than thirty-five folios & no student may receive two Essay Prizes in one year. Essays are to be left with the President, before noon of the first day following the Easter Recess.

The essays will be considered by committees appointed by the Faculty, & the prize Essay upon each of two themes assigned to each class will be announced upon the second Wednesday of June. To the writers of these, book prizes will be given on Commencement Day. Honorable mention may be made of the second best Essay under each subject.

THE SOPER THESIS

¶ In length the Thesis is not limited. The subject for the second succeeding year is announced toward the end of Sophomore year.

The Thesis is to be left with the President before noon of the second Thursday in the October of Senior year, & its consideration will be referred to a committee chosen by the Faculty from outside their own number. The report will be made public early in the second term, & the award (upon condition of graduation) conferred on Commencement Day.

HEAD, PRUYN, & KIRKLAND ORATIONS

¶ Each oration may contain no more than twelve folios.

These 'Winter Orations' must be left with the President before noon of the first Friday of January, & the best Oration under each title being selected by the Faculty, the an-

nouncement will be made early in second term. No Senior will be awarded more than one of these three prizes. Each of these Orations carries a Commencement appointment.

CLARK PRIZE ORATIONS

¶ The Oration may contain no more than fifteen folios, & must be left with the President before noon of the first day following the Easter Recess.

The best six Orations, if so many have sufficient merit, being selected by the Faculty, the successful competitors will be named at Morning Prayers two weeks after the submission of the orations.

The orations are delivered under the direction of the Professor of Rhetoric & Oratory, on the last Wednesday evening of May. The Prize is awarded by the Faculty at the close of the Exhibition.

The men eligible to write for this competition in a given class shall be all who have had appointment as prize speakers, together with that additional one-fifth of the class who shall have the next best standing in Elocution, as based upon the record of noon-chapel work subsequent to the beginning of Junior year. The full list of those thus eligible shall be posted by the second Friday of each December.

MCKINNEY PRIZE DEBATE

¶ The Debate is held, under the direction of the Professor of Rhetoric & Oratory, upon Friday afternoon of Commencement week.

From the members of the Senior Class who have excelled during the entire course in extemporaneous argument, not to exceed six debaters are appointed by the Faculty. This appointment is announced in third term, when the proposition of the Debate is given, & the affirmative or negative station of each contend-ent is determined by lot. The order of appearance is decided by lot publicly drawn at the time of the Debate. Each disputant may speak upon the first call, eight minutes, & upon the second call, seven minutes. No notes or books may be carried into the Debate, nor any memorandum used in speaking.

The award is made by a committee of three, not members of the Faculty, & is announced at the close of the Debate.

McKINNEY PRIZE DECLAMATION

¶ From each of the three lower classes, & upon the basis of work done in the weekly College exercise, an annual appointment is made of four prize contestants in Declamation.

WRITING SUBJECTS, 1912-13

Fifty-eighth Clark Prize Competition.

1. An Anglo-American Alliance.
2. Nietzsche.
3. Judicial Usurpation.
4. The Presidential Term.
5. Militant Journalism.
6. The Influence of the American Stage.
7. The Mormon Menace.
8. The Truths & Fallacies of Chivalry.

Fifty-first Pruyn Medal Oration.

Manipulation in Politics.

Fiftieth Head Prize Oration.

The Decline of the Federalist Party.

Forty-first Kirkland Prize Oration.

The Hebrew Psalms.

Twenty-second Soper Prize Thesis.

The Value of a Protective Tariff to the American Workingman.

Junior Essays, ('14).

1. Norse Mythology.
2. The Fool in English Drama & Fiction.

Sophomore Essays, ('15).

1. The London *Times* & its Influence.
2. John Burroughs & his Work.

Freshman Essays, ('16).

1. The Red-Cross Society.
2. College Settlements.

THE MASTERS' ORATION

¶ Renewing an elder use, since 1895 & as a part of the Commencement Day program, an Oration has been given by a representative of the candidates for the Master's degree in course. The annual appointment to this honor is made by the Faculty & upon the basis of representative fitness. The Oration in 1912 was omitted because of the Centennial program.

SCHOLARSHIP HONORS, 1912

High Honor Men; Standing 9.2 or above.
 Harold William Thompson, Valedictorian,
 Henry John Wm. Ahlheim, Salutatorian,
 Robert Beach Warren,
 John Malcolm West.

Honor Men; Standing 8.6 to 9.2.
 Thomas Hopkins Alvord,
 Paul Russell Baird,
 Harry Cole Bates,
 Glenn Ray Bedenkapp,
 James Eells,
 Harla Ray Eggleston,
 Charles James Mangan,
 Willard Bostwick Marsh,
 James Stuart Plant,
 Nahum Blackman Pratt.

DEPARTMENT HONORS, 1912

ENGLISH LITERATURE: Mr. Thompson.

CHEMISTRY: Messrs. Eells, & Eggleston.

ETHICS & BIBLE: Messrs. Bates, & Plant.

GERMAN: Messrs. Bedenkapp, Mangan, Pratt, Thompson.

GREEK: Mr. Warren.

ECONOMICS, LAW & POLITICS: Messrs.
Ahlheim, Bedenkapp, DuBois, Patteson.

MATHEMATICS: Mr. West.

MINERALOGY & GEOLOGY:
Mr. Eggleston.

AMERICAN HISTORY: Messrs. Ahlheim,
Bates, Bedenkapp, Warren.

BIOLOGY: Mr. Eggleston.

FRENCH: Mr. Mangan.

PSYCHOLOGY, LOGIC, & PEDAGOG-
ICS: Messrs. Ahlheim, Alvord, Higley,
Hughes, Marsh.

PRIZE AWARDS IN 1912

¶ Unless otherwise stated, Awards were made either
by the entire Faculty, or by a committee of their number.

ROOT FELLOWSHIP

Harla Ray Eggleston, Walton.

LOCKE FELLOWSHIP

Willard Bostwick Marsh, Bridgewater.

57th CLARK PRIZE IN ORIGINAL ORATORY
Tolstoi.

Harold William Thompson, Westfield.

The other appointees to the Exhibition for 1912 were:
Messrs. Bates, Knox, Marsh Peters, Pratt.

50th PRUYN MEDAL ORATION

*Debt of the American College to the Mission-
ary Spirit.*

Robert Beach Warren, Elmira.

49th HEAD PRIZE ORATION

The Justification of Our College Name.

No award.

40th KIRKLAND PRIZE ORATION

The Mission and Message of Elijah.

Willard Bostwick Marsh, Bridgewater.

44th MCKINNEY DEBATE

*Did the United States Wrong Colombia in
the Matter of Panama?*

1st, Harry Cole Bates, Washington, D. C.
2d, Willard Bostwick Marsh, Bridgewater.

The other contestants in 1912 were:
Messrs. Bedenkapp, Plant, Thompson, Warren.

Committee of Award:

Chester Huntington, '66, Princeton, N. J.
N. Archibald Shaw, '82, New York.
Chester Donaldson, '84, Costa Rica.
Charles B. Cole, '87, Up. Montclair, N. J.
Joel J. Squier, '87, New York.

UNDERWOOD PRIZE IN CHEMISTRY

Harla Ray Eggleston, Walton.

Committee of Award:

Prof. J. S. Gilpin, Johns Hopkins Univ.

SOUTHWORTH PRIZE IN PHYSICS

Harry Cole Bates, Washington, D. C.

20th SOPER THESIS PRIZE

*Advantages of Protective Tariff to Industries
of Central New York.*

No competition.

DARLING PRIZE IN AMERICAN HISTORY

Glenn Ray Bedenkapp, Lewiston.

BRANDT GERMAN PRIZE

Nahum Blackman Pratt, Verona.

TOMPKINS MATHEMATICAL PRIZES

1st, Allen Morton Groves, Pasadena, Calif.
2d, Abel Edward Blackmar, Brooklyn.
Medals: No award.

MAYNARD ENTRANCE PRIZE

No final award.

BROCKWAY ENTRANCE PRIZE

No award.

CURRAN MEDALS IN GREEK & LATIN

Gold: Allen Morton Groves, Pasadena, Calif.
Silver: Lyman Lemuel Stratton, Mt. Upton.

HAWLEY CLASSICAL MEDAL

John Howard Hahn, Albany.

EDWARD HUNTINGTON MATHEMATICAL
SCHOLAR

Abel Edward Blackmar, Brooklyn.

DUELL GERMAN SCHOLAR

Donald Edward Stone, Mexico.

FREDERICK W. GRIFFITH GREEK SCHOLAR

Allen Morton Groves, Pasadena, Calif.

SOPER LATIN SCHOLAR

Caldwell Thompson, Thompson Ridge.

KELLOGG ENGLISH PRIZE ESSAYS

Juniors, Class of 1913.

Nemesis in Greek Tragedy and in Shakespeare.

Prize: Allen Morton Groves.

Mention: Caldwell Thompson.

The Evolution of the English Domestic Novel.

Prize: Daniel Craig Batchelor, Camden.

Mention: Ray Levi Shaul, Ilion.

Sophomores, Class of 1914.

Horace Greely, Editor.

Prize: William Harder Squires Cole, Vernon.

Mention: Arthur Stone Pohl, Vernon.

The Contribution of New York State to the Nation.

No award.

Freshmen, Class of 1915.

The New York State Barge Canal.

Prize: Myron Whitlock Adams, Boston, Mass.

Mention: Walter Rushworth Harper, Clinton

The Pan-American Union.

Prize: Dudley Baldwin Kimball, Boonton, N. J.

Mention: David Avery Woodcock, Passaic, N. J.

Committees of Award:

Jonas F. Mann, Esq., '87, New York City.

Prof. Horace G. McKean, Union College.

Maurice Williams, A.M., C.E., State Barge Canal, Utica.

Rev. Henry White, '98, Clinton.

Henry E. Dounce, '10, Syracuse.

J. Harry Parry, '11, Utica.

"IT IS MY EARNEST WISH THAT THE INSTITUTION MAY GROW AND FLOURISH; THAT ITS ADVANTAGES MAY BE PERMANENT AND EXTENSIVE; AND THAT UNDER THE SMILES OF THE GOD OF WISDOM IT MAY PROVE AN EMINENT MEANS OF DIFFUSING USEFUL KNOWLEDGE, ENLARGING THE BOUNDS OF HUMAN HAPPINESS, AND AIDING THE REIGN OF VIRTUE AND THE KINGDOM OF THE BLESSED REDEEMER."

SAMUEL KIRKLAND, 1794.

DEGREES CONFERRED, JUNE 17, 1912

A. B., IN COURSE

Cedric Stephen Adams,
 Paul Russell Baird,
 Glenn Ray Bedenkapp,
 Clancey Doren Connell,
 Austin Smith Donaldson,
 Robert Wilfred Drummond,
 Warren Coutant DuBois,
 Albert Huntington Easingwood,

James Douglass Erskine,
 David Horace Hallock,
 James DeRoy Hopkins,
 Charles James Mangan,
 Willard Bostwick Marsh,
 James Carruth Parker,
 Robert Sheppard Patteson,
 Lewis Brill Peters,

James Stuart Plant,
 Nahum Blackman Pratt,
 Orson George Riley,
 Charles Wesley Slaughter,
 Carleton Edward Thomas,
 Edward Cyrus Walker, 3d,
 Robert Beach Warren,
 John Malcolm West.

PH. B., IN COURSE

Henry John William Ahlheim,
 Bayard TenBroeck Allen,
 Thomas Hopkins Alvord,
 Robert Prescott Bagg,
 Harry Cole Bates,
 Hugh Francis McFerrall Boone,

Harold Sparrow Dorrance,
 William James DuBourdieu,
 George Roberts Eddy,
 James Ralsten Grant, jr.,
 William Curtis Knox,
 Millard DeVotie Mason,

Charles Stone Peck,
 Earl Lester Regin,
 Charles Donaldson Root,
 Donald Scott Root,
 Harold William Thompson,
 Earle Parry Watkin,
 Henry Broadwell Watkins.

B. S., IN COURSE

James Eells,
 Harla Ray Eggleston,

Albert Antes Higley,
 John Francis Hughes.

A. B., NUNC PRO TUNC
 Harold Guthrie Aron, '09.

A. M., BY EXAMINATION

Theodore Day Martin, '11,

A. M., IN COURSE

Clarence Krum Chamberlain, '81,
 Neil Kirk White, '98,
 Elmer William Triess, '01,
 Russell Richardson, '05,
 Edward Harry Bennett, '06,
 Harry M. Beck, '08,
 John Lee Hopkins, '09,

Clarence Edmond Krumbholtz, '09,
 Charles Mossman McLean, '09,
 Mark Rifenbark, '09,
 William Jenkins Wilcox, '09.

PH. M., IN COURSE

Frederick Monroe Barrows, '07.
 Julius Edward Greengard, '08.

M. S., IN COURSE

Clements Winfield Blodgett, '09.

A. M., HONORARY

David Hamlin Burrell, Little Falls,

James Henderson Glass, M.D., Utica, N. Y.

Charles Andrew Talcott, (A.B. Princ. '79) Utica, N. Y.

D. D., HONORARY

Robert Gardner McGregor, '97, New Rochelle, N. Y.

LL. D., HONORARY

John Alden Dix, Albany, N. Y.

George Hodges, '77, Cambridge, Mass.

Allen McLean Hamilton, M.D., New York.

Eugene Allen Noble, Carlisle, Pa.

Edmund Wetmore, New York.

GENERAL SOCIETY OF ALUMNI

¶ This society includes all graduates & honorary degree men of the College. It is organized to advance the interests of Hamilton College by promoting the intercourse & amity of all her sons. It would also render fit honor to its departed members. The society solicits gifts to its alcove in the College Library of books, pamphlets, & papers, whose authors are Hamilton men. The Annual Meeting is held on Saturday of Commencement Week, & June 21, 1913, it will be held in the College Chapel, at 10,30 a. m.

Information appropriate to the Necrology should be conveyed promptly to Prof. William H. Squires, College Hill.

A copy of this Annual Register will be sent to each Alumnus upon request.

OFFICERS FOR 1912-1913

President, Hon. Abel E. Blackmar, LL.D., '74.

Vice-Presidents, Hon. G. F. Lyon, '72, Rev.

Dr. W. A. Bartlett, '52, Franklin D. Locke, '64, Wilmont Burton, '66, Rev. L. R. Groves, '81, Rev. J. H. Hoadley, '70.

Executive Committee: Messrs. Fitch, Stryker, Scollard, Hull, Ibbotson.

Recording Secretary & Necrologist, Prof. William H. Squires, Ph.D., '88, College Hill.

Corresponding Secretary, Professor William P.

Shepard, '92, College Hill.

Half-Century Annalist, Rev. Horace P. V.

Bogue, D.D., '63.

ALUMNI ASSOCIATIONS

NEW YORK CITY

President,

John C. Greves, '62, 133 Lexington Ave.

Secretary,

Edward Esty Stowell, 43 Exchange Pl.

NEW YORK ACADEMIC PRINCIPALS

President,

Prin. Frank M. Smith, '84, Lestershire.

Secretary,

Clements W. Blodgett, '09, 721 Lodi St., Syracuse

NORTHERN NEW YORK

Secretary,

Byron B. Taggart, '96, Watertown.

NEW ENGLAND

President,

H. Dorsey Spencer, Albany Bldg., Boston, Mass.

Secretary,

Frederick G. Perine, '87, 8 Ware St., Dorchester, Mass.

WESTERN

President,

Louis Boisct, Esq., '77, LaGrange, Ill.

Secretary,

Schuyler C. Brandt, '89, Oak Park, Ill.

BINGHAMTON

President,

Rev. Charles L. Luther, '83, Union.

Secretary,

William B. Carver, Esq., '98, Binghamton.

WASHINGTON, D. C.

President,

Dr. Otis J. Eddy, '68.

Secretary,

Ralph W. Stone, '99, Geolog. Survey.

BROOKLYN

President,

Hon. Warren I. Lee, '99, 20 Broad St., N. Y.

Secretary,

Orlando E. Ferry, '95, 1312 Caton Ave.

CENTRAL NEW YORK

President,

Hon. Frederick M. Calder, '82, Utica.

Secretary,

Seward Miller, Esq., '99, Utica.

WESTERN NEW YORK.

President,

Clarence U. Carruth, '89, Buffalo.

Secretary,

John VanAllen, Esq., '02, 684 Ellicott Sq.

ONONDAGA

President,

Hon. A. J. Northrup, LL.D., '58, Syracuse.

Secretary,

Dr. B. W. Sherwood, '82, 1117 S. Salina, Syracuse

PACIFIC COAST

President,

Thomas E. Hayden, '91, San Francisco.

Secretary,

Melvin G. Dodge, '90, San Francisco.

ROCHESTER

President,

John H. Hopkins, '72, Powers Building.

Secretary,

James M. Lown, '04, Ger. Ins. Bldg.

EASTERN NEW YORK

President,

Supt. C. W. Cole, '62, 354 Hudson Av., Albany.

Secretary,

Frank M. Wright, '05, 226 Jay St., Albany.

ANNUAL ALUMNI DAY

¶ The General Society will hold its next annual meeting in the College

Chapel at 10.30 a. m., June 21st, 1913. The afternoon will be devoted to general & class reunions. In 1913 the classes of '63, '73, '83, '88, '93, '98 '03, '8, '10, & '12, will gather to the respective anniversaries. The President's reception will be from four to six in the afternoon.

GRADUATE TRUSTEE

¶ The election of the Trustee by the Graduates is held in the College Chapel Saturday of Commencement Week, during the Alumni meeting. The officers of the Society of Alumni preside & record. Three inspectors of election are appointed by the Trustees of the College.

Each graduate of at least three years' standing is entitled to vote. Only graduates of the College of at least ten years' standing are eligible to this election. Graduates may forward their ballots to any officer of the Society of Alumni residing in Clinton, who shall endorse the same before depositing.

TRUSTEES ELECTED BY GRADUATES

Samuel F. Engs, A.B., '83, New York, term until June, 1913.

Samuel D. Miller, A.B., Esq., '90, Indianapolis, Ind., term until June, 1914.

George E. Dunham, A.M., Esq., '79, Utica, term until June, 1915.

Arthur S. Hoyt, D.D., Auburn, term until June, 1916.

SUMMARY OF ALUMNI CORRECTED FROM "GENERAL ROLL" OF 190

Whole number of Graduates (exclusive of LL.B.),	2892
Of these graduates there are now living,	1620
Graduates of the Maynard Law School (1855-87),	239
Of these having taken A.B. at Hamilton,	64
Sometime undergraduates not graduating,	1150
Of these estimated to be living,	380
Honorary degrees to others than Hamilton graduates,	469
Total Alumni related to the College as above,	4652
Senior Graduate Living, Hon. Augustus L. Rhodes, '41, LL.D.	

CLASS SECRETARIES

41	Hon. Augustus Rhodes, LL.D. San Jose, Cf.	'81	Andrew C. White, Ph.D.,	Ithaca
42	William V. Moss, Cincinnati, O.		424 Dryden Road.	
43	Henry H. Thompson, Esq., Passaic, N. J.	'82	Dr. Bradford W. Sherwood,	Syracuse
44	Leonard Lathrop, New York		1117 S. Salina St.	
45	Everett Case, 502 S. Front St., Philadelphia	'83	William H. Wilcoxen, Des Moines, Iowa	
46	Dr. George W. Smith, New York	'84	Reuben L. Maynard, New York	
47	Charles L. Williams, Rockford, Ill.		141 Broadway.	
48	Rev. Milton Waldo, D.D., Urbana, Ill.	'85	Prof. Irving F. Wood, Ph.D.,	Northampton, Mass.
49	Samuel N. Dada, 704 Univ. Pl., Syracuse			
50	Benj. B. Snow, (<i>pro tem.</i>) Rochester	'86	Rev. J. Beveridge Lee, D.D.,	
51	Charles A. Butler, Utica		1002 S. 45th St., Philadelphia, Pa.	
52	Gilbert Wilcoxen, Des Moines, Iowa	'87	Robert A. Patteson, Tarrytown	
53	Rev. Edward P. Powell, College Hill			
54	Rev. Dwight Scovel, Clinton	'88	Rev. Warren D. More, D.D.,	Santa Barbara, Cal.
55	Hon. William Sanderson, Newton, Ia.			
56	Trueman G. Avery, 202 Main St., Buffalo	'89	Clarence U. Carruth, 670 Ellicott Sq.,	Buffalo
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58	Hon. A. J. Northrup, LL.D., Syracuse	'90	M. G. Dodge, San Francisco, Cal.	
59	Hon. C. A. Hawley, LL.D., Seneca Falls			
60	John S. Sheppard, Penn Yan	'91	Rev. James S. Wilkes, Stevensville, Pa.	
61	James S. Greves, 32 Park Pl., New York			
62	Rev. Henry Ward, D.D.,	'92	Prof. W. P. Shepard, Ph.D., College Hill	
	12 Swan St., Buffalo			
63	Rev. L. Parsons Bissell, D.D., Litchfield, Ct.	'93	Rev. Alex. Wouters, Brooklyn	
64	Frank W. Plant, Joliet, Illinois		193 Rutland Road.	
65	Hamilton B. Tompkins, 80 Broad'y, N. Y.	'94	David H. McMaster, Baldwinsville	
66	Wilmont E. Burton, Syracuse			
67	Rev. Isaac O. Best, Otisco	'95	Fred J. DeLaFleur, Utica	
68	Rev. F. A. Johnson, 42 W. 12 St., N. York			
69	Prof. William L. Downing, Utica	'96	Prof. Charles A. Greene, Brooklyn	
70	William H. DeShon, Utica		186 Emerson Place.	
71	Charles L. Stone, Syracuse	'97	Prof. James A. Winans, Ithaca	
72	Edward G. Love, 80 E. 55th St., N. Y.			
73	Rev. Wm. D. Love, Ph.D., Hartford, Ct.	'98	Stanley L. Butler, 16 Cottage Place, Utica	
74	Leigh R. Hunt, Ph.D., Corning			
75	Rev. Eben B. Cobb, D.D., Elizabeth, N. J.	'99	Henry M. Andrews, New York	
76	Rev. Archibald L. Love, D.D., Brooklyn		50 Church St.	
77	John T. Perkins, New York	'00	Richard S. Cookinham, Twin Falls, Idaho	
78	Rev. George S. Webster, D. D.,			
	310 East 67th Street, New York.	'1	Prof. Daniel W. Redmond, New York	
79	Lotus N. Southworth, Martin Bldg., Utica		College of the City of New York.	
80	William M. Griffith, Qu. Co. Trust, Jamaica	'2	Arthur H. Naylor, Ossining	

Obituary Record; Oct. 1st, 1911, to Sept. 30th, 1912

Class

1847	THEODORE FRIEND HUMPHREY,	1827—Nov.	11, 1911
1848	STEWART SHELDON,	Dec. 20, 1823—July	5, 1912
1850	IRA WILDER ALLEN,	July 5, 1827—Feb.	10, 1912
1851	THOMAS BOYD HUDSON, EDWARD PAYSON HOTCHKISS,	July 8, 1826—May	20, 1812
1852	CHARLES CLARK KINGSLEY,		—Dec. 6, 1911
1853	JOHN MARTIN BRAYTON,	Feb. 11, 1830—April	11, 1912
1856	ALPHONSO LOOMIS BENTON,	Sept. 15, 1831—Sept.	18, 1911
1857	JAMES SIMMS WOODARD,	Nov. 9, 1831—Nov.	3, 1911
1858	WILLIS JUDSON BEECHER, MOSELEY MORRIS,	Feb. 22, 1833—May	3, 1912
1859	JOHN ALSOP PAINE,		—May 10, 1912
1862	CHARLES WADSWORTH COLE, EDWARD BARTLETT WICKS,	1837—May	28, 1912
1863	EDWARD HERBERT WARDWELL,	Jan. 14, 1840—July	24, 1912
1864	MADISON EUGENE BOYNTON,	Mar. 9, 1840—Aug.	27, 1912
1865	FREDERICK DWIGHT ALLING,		—Nov. 5, 1911
1866	CHARLES LYON CORBIN, CHARLES SIMPSON.	April 28, 1841—April	22, 1911
1868	CHARLES ALDRICH, JOSEPH ADDISON MARSHALL,	Aug. 9, 1841—May	6, 1912
1869	JOHN EVERETT BEECHER,	July 9, 1843—Oct.	4, 1910
1873	EUGENE ADELBERT KLOCK, ELIAS B. FISHER.		—Aug. 12, 1911
1874	GEORGE WILLIAM KNOX,	Jan. 26, 1839—July	25, 1912
1877	JOHN SANGER HAWLEY,		—Jan. 11, 1912
1879	THEODORE HAND ALLEN,		—Feb. 13, 1911
1880	HAROLD JAMES FROTHINGHAM,	Jan. 22, 1842—June	14, 1912
1886	RUFUS FOSTER HULBERT,		—Mar. 11, 1912
1887	BENJAMIN GEORGE ROBBINS,		—July 22, 1912
1890	CHARLES HERBERT ANTHONY,	Aug. 11, 1853—April	5, 1912
1891	ALBERT HENRY DEWEY,	Sept. 29, 1857—Feb.	8, 1912
1895	BURTON MARCUS BALCH,		1857—Jan. 27, 1912
1896	HARRY BARNES WARD,		1858—Sept. 29, 1911
1904	ALFRED EDGAR HUTTON,	July 9, 1862—May	10, 1907
1914	EDWARD CARROLL CALLAHAN, JAMES COMPTON EVANS,		—Feb. 10, 1912
			1868—June 2, 1912
		Oct. 14, 1858—July	7, 1912
		Jan. 15, 1974—Mar.	16, 1912
		Nov. 4, 1874—April	20, 1912
		Dec. 31, 1880—Oct.	8, 1911
		Aug. 2, 1891—Aug.	13, 1912
		Feb. 23, 1891—July	18, 1912

Sundays of Current Year, 1912-1913

October,	6, 13, 20, 27.	March,	2, 9, 16, 23, 30.
November,	3, 10, 17, 24.	April,	6, 13, 20, 27.
December,	8, 15, 22, 29.	May,	4, 11, 18, 25.
January,	5, 12, 19, 26.	June,	1, 8, 15, 22, 29.
February,	2, 9, 16, 23.	Sept.	7, 14, 21, 28.

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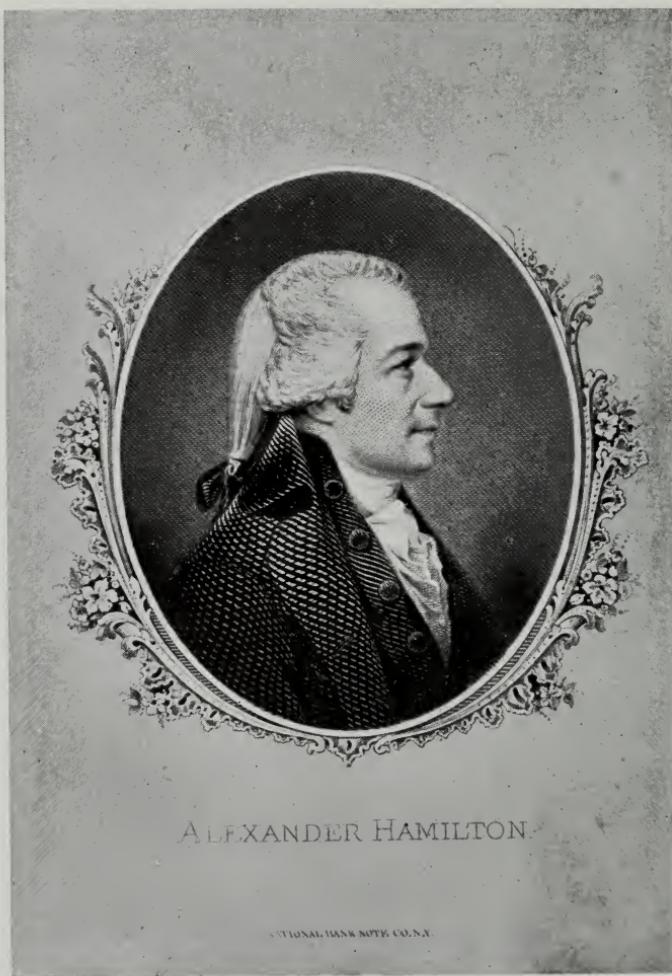
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102nd Year

HAMILTON COLLEGE

Town of Kirkland County of Oneida State of New York
Post Office Clinton New York

A REGISTER OF THE CORPORATION OFFICERS
AND STUDENTS WITH OUTLINE OF COURSES
OF STUDY AND GENERAL INFORMATION FOR
THE ACADEMIC YEAR 1913—1914

HAMILTON COLLEGE RECORD, VOL. 12, NO. 5

Clinton Oneida County New York

The Courier Press

1913

R.P.W.

CALENDAR FOR 1913-1914

1913.

Sept. 18. Thursday, 8:30 a. m.,
 Oct. 9. Thursday, before noon,
 Oct. 9. Thursday, after 11:30,
 Oct. 11. Saturday, 9 a. m.,
 Nov. 27. Thursday,
 Dec. 23. Tuesday, 11:30,

1914.

Jan. 6. Tuesday, 8 a. m.,
 Jan. 6. Tuesday, before noon,
 Jan. 26. Monday,
 Jan. 31. Saturday, at 1 p. m.,

First Term opened.
 Soper Prize Theses submitted.
 AUTUMN FIELD DAY.
 Meeting of the Trustees.
 THANKSGIVING DAY.
 Christmas Recess begins.

Holiday Recess ends.
 Head, Pruyn & Kirkland Orations submitted.
 Term Examinations begin.
 First Term closes.

Feb. 5. Thursday, 8:30 a. m.,
 Feb. 12. Thursday,
 Feb. 22. Sunday,
 Feb. 23. Monday,
 April 10. Friday,
 April 20. Monday,
 April 21. Tuesday, 8 a. m.,
 April 21. Tuesday, before noon,
 April 25. Saturday, 9 a. m.,
 May 14. Thursday, after 11:30,
 May 16. Saturday, from 10:30,
 May 24. Sunday,
 May 30. Saturday,
 June 3. Wednesday, evening,
 June 4. Thursday,
 June 5. Friday,
 June 5. Friday,
 June 6. Saturday,
 June 11. Thursday,
 June 12. Friday,
 June 17. Wednesday,

Second Term opens.
 Delinquent Examinations.
 DAY OF PRAYER FOR COLLEGES.
 WASHINGTON'S BIRTHDAY.
 Easter Recess begins.
 Delinquent Examinations.
 College work resumed.
 Clark Orations & Prize Essays submitted.
 Meeting of the Trustees.
 SPRING FIELD DAY.
 INTER-ACADEMIC DAY.
 Annual Y. M. C. A. Report.
 DECORATION DAY.
 59th CLARK PRIZE EXHIBITION.
 Underwood Examination in Chemistry
 Final Senior Examinations begin.
 Southworth Examination in Physics.
 German & Mathematical Prize Examinations.
 Curran & Hawley Prizes Examination. Term examinations begin.
 Senior honors announced.
 Final Chapel. The prizes of the year announced.

Commencement Week

June 18. Thursday,
 June 18. Thursday,
 June 19. Friday,
 June 20. Saturday,
 June 21. Sunday, 4 p. m.,
 June 22. Monday, 10 a. m.,

Entrance Examinations, designated hours of morning.
 PRIZE SPEAKING, at 4 p. m.
 CLASS DAY (10). Trustees (2). PRIZE DEBATE (4).
 ALUMNI DAY (10:30). CLASS REUNIONS
 BACCALAUREATE SERMON.

ONE HUNDRED & SECOND COMMENCEMENT

Sept. 15-16. Tuesday & Wednesday,
 Sept. 16. Wednesday,
 Sept. 16. Wednesday, 5 p. m.,
 Sept. 17. Thursday, 8:30 a. m.,
 Oct. 8. Thursday, before noon,
 Oct. 8. Thursday, after 11:30,
 Oct. 10. Saturday, 9 a. m.,
 Dec. 23. Wednesday, noon,

Entrance & Prize Entrance Examinations.
 Delinquent Examinations.
 New Students meet the Dean in Chapel.
 Fall Term opens.
 Soper Theses submitted.
 AUTUMN FIELD DAY.
 Meeting of the Trustees.
 Christmas Recess begins.

Trustees

		ELECTED	TERM
Hon.	ELIHU ROOT, LL.D., New York, <i>Chairman</i> ,	1883	
Hon.	CHARLES A. HAWLEY, LL.D., Seneca Falls,	1884	
	THOMAS D. CATLIN, A.M., Ottawa, Ill.,	1890	1917
	GEORGE E. DUNHAM, A.M., Utica, <i>Clerk</i> ,	1891	1915
	HAMILTON B. TOMPKINS, A.M., New York,	1892	
res.	M. WOOLSEY STRYKER, D.D., LL.D., College Hill,	1892	
	FRANKLIN D. LOCKE, LL.D., Buffalo,	1895	
	JOHN N. BEACH, A.M., Brooklyn,	1896	
	ALEXANDER C. SOPER, A.M., Lakewood, N. J.,	1897	
	HENRY HARPER BENEDICT, A.M., New York,	1897	
	CHARLES B. ROGERS, A.M., Utica,	1899	
	BENJAMIN W. ARNOLD, A.M., Albany,	1901	
	JOHN E. FROST, LL.D., Topeka, Kan.,	1904	1918
	SAMUEL F. ENGS, A.B., Richmond Hill,	1904	1917
	SAMUEL H. ADAMS, A.B., Auburn,	1905	1919
Hon.	FREDERICK W. GRIFFITH, A.M., Palmyra,	1907	1914
Hon.	ABEL E. BLACKMAR, LL.D., Brooklyn,	1908	1915
Hon.	JOSEPH IRWIN FRANCE, M.D., Baltimore, Md.,	1909	1916
ev.	ROB'T GARDNER MC GREGOR, D.D., New Rochelle,	1910	1917
	REUBEN LESLIE MAYNARD, A.M., New York,	1910	1917
	SAMUEL DUNCAN MILLER, A.B., Indianapolis, Ind.,	1910	1914
	JOSEPH RUDD, Ph.B., College Hill,	1910	1917
ev.	LOUIS GLANCY COLSON, A.B., New York Mills,	1911	1918
	HENRY MURRAY ANDREWS, A.M., New York,	1912	1919
	WILLIAM MC LAREN BRISTOL, A.B., Brooklyn,	1912	1919
ev.	ARTHUR STEPHEN HOYT, D.D., Auburn,	1912	1916
	THOMAS REDFIELD PROCTOR, A.M., Utica,	1913	1920
	DANIEL BURKE, A.M., New York,	1913	1920

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CHARLES B. ROGERS, First National Bank, Utica, N. Y.

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Pastor of the College Church.

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Librarian (1911). Instructor (1895) in Hebrew.

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FRANK HOYT WOOD, (A.B. 1891,) Ph.D., Leip.
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FRANK HUMPHREY RISTINE, (A.B. 1905) Ph.D., Columb.
Professor (1912) in English Language & Literature.

WILLIAM MASSEY CARRUTH, (A.B. 1901).
Associate Professor (1907) in Mathematics.

HORACE SEELY BROWN, (B.S. 1899,) M.S., Laf.
Associate Professor (1908) in Mathematics. Clerk of Faculty.

RALPH CLEWELL SUPER, (A.B., Ohio Univ., 1895) Diploma of Grenoble, France, 1899.
Associate Professor (1913) in Spanish, French & German.

HAROLD RIPLEY HASTINGS, (A.B. 1900) Ph.D., Wis.
Assistant Professor (1911) in Latin & in Greek.

DANIEL CHASE, A.B. 1908, Maine Univ.
Assistant Professor in Hygiene, & Director of Gymnastics.

WILLARD BOSTWICK MARSH, A.B. 1912.
Assistant Professor (1913) in Writing & Speaking, & Secretary to the President.

COLLEGE OFFICERS

CHARLES HENRY STANTON, (A.B. 1872).
Bursar, (1904).

CORNELIUS DEREGT,
Warden of Buildings, (1875).

GEORGE E. TUNBRIDGE,
Steward in Commons Hall, (1912).

ROOT FELLOW IN PHYSICAL SCIENCE

JOSEPH POYER DEYO HULL, (B.S. 1913,) Johns Hopkins University.

Student in Geology. From *Walden, N. Y.*

LOCKE FELLOW IN GREEK

ALLEN MORTON GROVES, (A.B. 1913,) Johns Hopkins University.

Student in Greek. From *Pasadena, Calif.* High Honor Graduate.

SENIORS, CLASS OF 1914

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Leet Wilson Bissell,	Pittsburgh, Pa.,	X Ψ Lodge.
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Charles Lefferts Brown,	New York,	Δ K E House.
Raymond Temple Clapp,	Mechanicville,	20 Skinner.
William Harder Squires Cole,	Vernon,	Chapel.
Charles Henry Dayton,	Auburn,	29 South.
Theodore Carrington Jessup,	New York,	9 South.
Ralph William Leavenworth,	Cleveland, O.,	16 Carnegie
John Baylies McMillan,	Yonkers,	4 Carnegie
Norman James Marsh, jr.,	New York,	Δ K E House
William Karl Mengerink,	Rochester,	17 Carnegie
Edgar Nash Miller,	Albany,	Δ Υ Hall
Arthur Stone Pohl,	Vernon,	15 South.
George Warren Walker,	Troy,	A Δ Φ Hall
John Van Alstyne Weaver,	Winnetka, Ill.,	5 Carnegie
George Henry Williamson,	Charleston, W. Va.,	20 South.

LATIN-SCIENTIFIC COURSE

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Lee Hastings Bristol,	Brooklyn,	Σ Φ Hal
Owen Gregory Burns,	Clinton,	19 Fountain Street
Carl Lamson Carmer,	Albion,	9 Carnegie
Willard Burdick Eddy,	Albion,	Ψ Υ House

Lee Williamson Felt,	Emporium, Pa.,	5 South.
Kenyon Putnam Flagg,	Albion,	4 South.
Forrest Palmer Gates,	Johnstown,	Ψ Υ House.
Herbert Insley,	Nanuet,	Emerson Hall.
Thomas Hamilton Lee, jr.,	Stony Point,	8 Carnegie.
Earl Russell Lewis,	Gouverneur,	Skinner.
Donald Holman McGibeny,	Indianapolis, Ind.,	College Street.
Elinas Delevan McLean,	Binghamton,	X Ψ Lodge.
George Babcock Ogden,	New Hartford,	Σ Φ Hall.
George Edgerton Ogilvie,	Richmond Hill,	2 Carnegie.
Howard John Potter,	Gouverneur,	5 South.
Francis Leo Regin,	Clinton,	Dwight Avenue.
Benjamin Curtis Rhodes,	Albany,	13 South.
Albert Sidney Robinson,	Malone,	6 Carnegie.
Stephen W. Royce,	Liberty,	△ K E House.
Roswell Breese Sherman,	Utica,	15 South.

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For Previous College Year:

HIGH HONOR: Walker.

HONOR: Barnes, Bissell, Dayton, Eddy, Jessup, Leavenworth, Pohl.

JUNIORS, CLASS OF 1915

CLASSICAL COURSE

Myron Whitlock Adams,	Boston, Mass.,	4 Carnegie.
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John TerBush Bissell,	Pittsburgh, Pa.,	30 South.
Raymond Albert Brockway,	Herkimer,	24 Skinner.
Reginald Audley Clarke,	Jamaica,	1 Carnegie.
Frederick Ray Crumb,	Oxford,	21 South.
Harold Wheaton Gray,	Deposit,	Emerson Hall.
Erwin Ramsdell Goodenough,	Jamaica,	30 Skinner.
Walter Rushworth Harper,	Clinton,	79 College Street.
Robert Winfield Higbie, jr.,	Jamaica,	Ψ Υ House.

Herman Silas Hulbert,	Redlands, Calif.,	20	Skinner.
John Butler Jessup,	New York,	1	South.
John Lewis Keddy,	Buffalo,	18	Carnegie.
Dudley Baldwin Kimball,	Boonton, N. J.,	13	Carnegie.
William Hobart Little,	Towanda, Pa.,	11	Carnegie.
Karl Reed McNair,	Warren, O.,	6	South.
John Hollister Patton,	Tonawanda,	23	South.
Robert Edward Schwenk,	Scranton, Pa.,	19	South.

LATIN-SCIENTIFIC COURSE

Gerald Dieterlen,	New York,	Ψ	Υ House.
John George Erhardt,	Brooklyn,	17	Carnegie.
Louis Fulton,	Massena,	Emerson	Hall.
Elmore Whyte Hagadorn,	Syracuse,	Ψ	Υ House.
Charles Kellogg Hudson,	Kansas City, Mo.,	7	South.
Ivan Morgan Ingersoll,	Ilion,	6	South.
Wallace Bradley Johnson,	Utica,	4	South.
Felix LaForce,	Kansas City, Mo.,	2	South.
Frederick Paddock Lee,	Rutherford, N. J.,	Δ	Υ Hall.
Walter Ellsworth Ogilvie,	Richmond Hill,	18	South.
George Leonard Potter,	Lafayette, Ind.,	18	South.
Jay Glenn Prescott,	Sauquoit,	19	Carnegie.
Willett Benjamin Sherwood,	Ridgewood, N. J.	8	Carnegie.
William Vibert Longwell Turnbull,	Campbell,	Ψ	Υ House.
William Russell White,	Brooklyn,	9	Carnegie.
David Avery Woodcock,	Passaic, N. J.,	Θ	Δ X House.

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For Previous College Year :

HIGH HONOR : Kimball.

HONOR: Goodenough, Harper, McNair, Woodcock.

SOPHOMORES, CLASS OF 1916

CLASSICAL COURSE

Harold Albert Banks,	E. Orange, N. J.,	12	Carnegie.
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Peter William Daniels,	Hempstead,	21	Carnegie.
Homer Woodhull Davis,	Coram,	17	Carnegie.

Henry Courtenay Fenn,	Pittston, Pa.,	24 Skinner.
John Hamish Gardner,	Fort Covington,	5 South.
Frederick Adams Griffith,	Palmyra,	15 Carnegie.
Owen Griffith Groves,	Seattle, Washington,	22 Carnegie.
Charles Arthur Hawley,	Verona,	24 Skinner.
Evan Ellis Jones,	Utica,	22 South.
Francis Paton Kimball,	Sauquoit,	24 South.
Charles Dell Knapp,	West Winfield,	22 South.
Thatcher McKennan,	Utica,	9 Carnegie.
Charles McLouth, jr.,	Palmyra,	△ K E House.
George Scholefield McMillan,	Yonkers,	11 Carnegie.
Elbert Barney Mattoon,	Windham,	24 South.
Arthur Miller,	Dolgeville,	21 Carnegie.
Sidney Stanhope Miller,	Indianapolis, Ind.,	X Ψ Lodge.
Thomas LeRoy Muir,	Roxbury,	20 Carnegie.
Ripple Cary Smith,	W. Pittston, Pa.,	30 South.
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Robert Sherman Thorne,	Geneva,	24 South.
Frederick Elmer Williams,	Walton,	

LATIN-SCIENTIFIC COURSE

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Franklin Mosher Baldwin,	E. Orange, N. J.,	7 Carnegie.
Lyle Kirkland Bushnell,	Ilion,	3 South.
Hudson Covert,	Chicago, Ill.,	12 Carnegie.
Leon Arthur Davis,	W. Winfield,	25 South.
Milton Merwin Eells,	Utica,	3 Carnegie.
Philip Allison Fulton,	Massena,	25 South.
Herbert Clapsaddle Getman,	Oneonta,	Θ Δ X House.
Millard Robert Gow,	Springfield Centre,	Θ Δ X House.
Willard Archibald Gow,	Springfield Centre,	8 Carnegie.
Ralph Henry Henty,	Knoxboro,	30 Skinner.
Wilfred Rowell Higgins,	Minneapolis, Minn.,	3 Carnegie.
Harry Milton Holt,	Lowville,	9 Carnegie.
Robert Insley,	Nanuet,	Emerson Hall.
Malcolm Shaw McLean,	Denver, Colo.,	9 Carnegie.
Charles Russell Mowris,	S. Lima,	21 Carnegie.
Louis Heyl Nichols,	Buffalo,	11 Carnegie.
Geoffrey Airlie Ogilvie,	Richmond Hill,	1 Carnegie.
Montfort Schley Paige,	Oneonta,	7 Skinner.

Vincent Stone Peck,	Utica,	$\Sigma \Phi$ Hall.
George Van Wyck Pope,	Glencoe, Ill.,	2 South.
William Nelson Robson,	Worcester, Mass.,	15 Carnegie.
John William Rushmore, jr.,	Palmyra,	22 Carnegie.
Philip Waldron Stone,	Cornwall,	12 Carnegie.
Joseph Eager Whitcombe,	Batavia,	30 South.
George Norman Woodruff,	Mexico,	7 Carnegie.

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For Previous College Year:

HONOR: Aldrich, Fenn, Gardner, Jones, McLouth, Nichols, Swan, Stone.

FRESHMEN, CLASS OF 1917

CLASSICAL COURSE

John Robert Adams,	Brighton, Mass.,	6 Carnegie.
Wheeler Everitt Barto,	Ossining,	$\Theta \Delta$ X House.
Philip TerBush Bissell,	Pittsburgh, Pa.,	29 South.
John Boyce,	Mt. Hermon, Mass.,	$\Delta \Upsilon$ Hall.
Louis Newell Brockway,	Clinton,	30 Williams Str.
Norman Wyvill Burritt,	Bayonne, N. J.,	Δ K E House.
James Marshall Campbell,	Warsaw,	10 South.
Frank Edwin Carrington,	Groton,	21 South.
William Merrill Conklin,	Garwood, N. J.,	Emerson Hall.
William Hale Dayton,	Auburn,	18 South.
Joseph Cyril Donoghue,	Whitestone,	Δ K E House.
Walter Emmett Donohue,	New York,	Δ K E House.
Ernest Stacey Griffith,	Utica,	$\Delta \Upsilon$ Hall.
Raymond Johnson Hood,	Brooklyn,	22 Skinner.
William Lee Huntsman,	Auburn,	Silliman Hall.
John Angel Jones,	Clinton,	1 Franklin Ave.
Willis Knapp Jones,	Moravia,	Silliman Hall.
William Leslie Lewis,	College Hill,	College Str.
Daniel Luce, jr.,	Oneonta,	$\Theta \Delta$ X House.
Gilbert Russell Lyon,	Chicago, Ill.,	X Ψ Lodge.
Stephen Martindale, jr.,	La Crosse, Wis.,	5 Carnegie.
George Eliot Norton,	Vernon Centre,	11 Carnegie.
Pennock Hart Orr,	Pittsburgh, Pa.,	7 South.
Thomas Lazear Orr,	Pittsburgh, Pa..	$\Sigma \Phi$ Hall.
Robert Leet Patterson,	Pittsburgh, Pa.,	X Ψ Lodge.

Walter Joseph Rothensies,	Walton,	15 South.
Stanley Stewart Saunders,	College Hill,	College Str.
James Hollend Searle,	Clinton,	College Str.
Chester DeWitt Shepard,	Buffalo,	9 South.
Paul Chatham Squires,	College Hill,	College Str.
Howard Gibson Stackhouse,	Utica,	14 South.
James Thompson,	New York,	△ K E House.
Chauncey Shaffer Truax,	New York,	14 South.
William Henry Walling,	Little Neck,	3 South.
Clayton Bagshaw Weed,	Newburgh,	Ψ Υ House.
Wilcox Langbridge Whitcombe,	Batavia,	X Ψ Lodge.

LATIN-SCIENTIFIC COURSE

Leland William Adams,	Watertown,	△ K E House.
Samuel Ernest Adams,	West Winfield,	Emerson Hall.
Earl Daniel Ames,	Mohawk,	23 South.
Joseph Christopher Behan, jr.,	Troy,	15 Carnegie.
William McLaren Bristol, jr.,	Brooklyn,	1 South.
Richard Hingston Burkhardt,	Batavia,	X Ψ Lodge.
Richard Cameron Beer,	Yonkers,	9 South.
Raymond Roscoe Dise,	Little Falls,	10 South.
John Mighells Elliott,	Clinton.	53 College Street.
Edward Joseph Emeny,	Chadwicks,	△ Υ Hall.
Carlyle Fraser,	Rochester,	2 Carnegie.
Carlos Hayden French,	Seymour, Conn.,	1 Carnegie.
Falconer Reese Gilbert,	WilkesBarre, Pa.,	X Ψ Lodge.
Charles Hoffman Hamlin,	Clinton,	33 College Str.
Gerald Preston Hersey,	Brooklyn,	South.
William Stuart Holden,	Turin,	South.
Synn Culver Horton,	W. Oneonta,	Emerson Hall.
Stanley Leon Kent,	Walden,	20 South.
Charles Albert Leonard,	New Rochelle,	2 Carnegie.
Desmond St. Clair Little,	Little Falls,	11 South.
Hugh Webb Martin,	Albany,	11 Carnegie.
Frederick Munger Miller,	Utica,	△ Υ Hall.
Edwin Roberts Moore,	Oneonta,	11 South.
John Otto, 2d,	Buffalo,	4 Carnegie.
Charles Eugene Peck, jr.,	Ashtabula, O.,	2 Carnegie.
Isaac Stanton Pendleton,	Oneonta,	Θ Δ X House.
Reno Henry Petersen,	Novak, S. Dak.,	2 Carnegie.

Leland Lamont Pohl,	Vernon,	13 Carnegie.
David Edward Powers, jr.,	Clinton,	9 Elm Str.
Rudolph Richard Roenke,	Geneva,	X Ψ Lodge.
James Daniel Seaver,	Brooklyn,	Ψ Υ House.
Edwin Bruce Shields,	Pittsburgh, Pa.,	Ψ Υ House.
Peter Sottong,	E. Orange, N. J.,	22 Skinner.
John Allen Tallmadge,	Morristown, N. J.,	6 South.
Frederick Lafayette Warren,	Elmira,	Chapel.
Clifton Bion Whitman,	Groton,	Δ Υ Hall.
Marshall Fisk Wilkinson,	Clinton,	48 Fountain Str.
Adariah Cotter Woolnough,	College Hill,	20 Skinner.
Leslie Willard Yule,	Jordanville,	Θ Δ X House.

SPECIAL STUDENT, FIRST YEAR

Lynn Merton McConnell,	Clinton,	17 Fountain Str.
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ENTRANCE FAYERWEATHER SCHOLARS OF 1917:

Messrs. Holden, Saunders.

ENTRANCE VROOMAN SCHOLAR OF 1917:

Mr. William Leslie Lewis.

CANDIDATES, (under the terms stated upon page 19) for the

MAYNARD ENTRANCE PRIZE, William Stuart Holden.

BROCKWAY ENTRANCE PRIZE, Stanley Stewart Saunders.

SUMMARY

FELLOWS	2	SOPHOMORES	48
SENIORS	39	FRESHMEN	76
JUNIORS	35		
		Total,	200

A prize of \$50.00 each for superiority in Spanish & in French, this year given by the Hon. Charlemagne Tower, LL.D., will be awarded in the Senior Class upon the basis of an examination in Third Term.

HAMILTON COLLEGE was born of the zeal of Samuel Kirkland, missionary to the Oneida Indians thro the latter half of the eighteenth century. His influence drew many of this Iroquois tribe to the Colonial cause, & had enough to do with the memorable & saving blow struck in the Oriskany fight, August 6, 1777, & with the relief of Fort Stanwix, to win the regard of Washington & of Alexander Hamilton.

The latter greatly encouraged Kirkland's project of a school for the sons of the whites & the Indians, becoming first Incorporator of the HAMILTON ONEIDA ACADEMY, chartered by the Regents, January 31st, 1793. A portion of the tract of two square miles, deeded to Kirkland in 1788 by the Indians & the State of New York, furnished the site. To this tract Kirkland moved in 1789, & here, in a small clearing, July 1st, 1794, the corner-stone of the plain frame building was laid by Baron Steuben. The aged Oneida chief Skenandoa was present. Slowly rose amid the forest Oneida Hall, 98 × 38 feet, opening for instruction December 22^d, 1798, remaining until 1827. Its old location is indicated just south of the present Chapel.

The COLLEGE, chartered May 26th, 1812, stands at the very centre of New York, in the county of Oneida & in the town of Kirkland, one mile from the village of Clinton. With the advantages & charm of a rural setting it is conveniently suburban. The city of Utica lies nine miles to the northeast, with its abundant railway connections, & especially with the accommodation of the New York Central. Clinton connects with Utica by the Ontario & Western, also by trolley. Adams Express.

The College occupies a natural plateau, three hundred feet above the immediate valley, nine hundred feet above the sea, facing easterly, with extended views of vales, uplands & high hills. The Campus is a park of ninety-five acres, with stately trees, well-kept lawns, rare vistas, & amid these, in quadrangular arrangement, the College buildings. There is a good Athletic Field with excellent tennis courts. An adequate system, last year greatly enlarged, supplies pure & abundant water.

Recent years have seen a transformation in appearance, yet still emphasizing the old symmetry. The eighteen buildings all save three are of dignified stone, commodious, notably appropriate in form & relation. The Gymnasium was last year entirely reconstructed within & greatly improved. In the Gymnasium pool, the Director gives swimming lessons to all Freshmen, but a few proving incapable to attain this skill. Work is well advanced upon a modern, fire-proof, Library to cost \$100,000 including stacks & furniture. It will adorn the space between Knox Hall & Root Hall, and will be completed in 1914.

The fine organ in the Chapel daily ministers to stimulate general singing. The Commons is an ample & beautiful dining hall. There are no better recitation halls, or students' quarters, in any American college. Last year the Delta Upsilon Fraternity finished & entered its stone Hall on the northeast corner of the Campus. The total is impressive & convincing. With her augmenting & beautifying domain Hamilton holds fast to genuineness, striving for quality of work, cherishing the primacy of the

things of the human spirit, seeking to train deeply as well as broadly. Discriminating as to values & tenacious of her ideals, she welcomes impartially every sturdy & studious man who would have the intensive personal discipline she seeks to give. Somewhat widening her doors, the College does not abate her thoro standards & will live up to what is time-tested, & which ministers to intellectual & moral leadership.

ADMISSION

¶ Entrance Examinations will be held in the several department rooms, & in Commencement week as follows: June 18, Thursday, from 8 to 10 a. m., in Greek, German, French, & Spanish; from 10 to 11,30 a. m., in English Studies; from 11,30 a. m. to 1 p. m., in Mathematics; from 2 to 4 p. m., in Latin; & at 7 p. m., in a Physical Science.

The Autumn Examinations, for the Class of 1918, will be held on September 15, Tuesday, from 8,30 to 11,30 a. m., in Mathematics; & from 2 to 4 p. m., in English subjects; September 16, Wednesday, from 8,30 to 11,30 a. m., in Greek, German, French & Spanish; from 2 to 4 p. m., in Latin; & on Saturday, the 19th, at 2 p. m., in any proffered Physical Science.

Those intending to enter in a later year, may at these hours make preliminary offer of any completed portion of the entrance requirements. Under all ordinary circumstances applicants are referred to these stated examinations.

Certificates of good character are required & men from other colleges must have had honorable dismissal. One offering to enter an advanced class must have mastered studies equivalent to those which that class has taken. But none can be admitted Senior after the opening of the second term, nor compete for honors except he shall be examined upon all the studies of his class up to that point at which he enters. However, any student may compete for prizes that are in no part based upon record of work prior to his entrance.

TOPICS FOR ENTRANCE

¶ Equivalents in kind are acceptable. The items named are supposed to involve a satisfactory experience with its implied facility, the mastery of fundamental principles, rudiments digested, solid rather than merely linear amount. It is, for instance, by deficiency in *grammar* that the superficially prepared are found wanting. These in general are the topics desired:—

GREEK: Xenophon's *Anabasis*, four books, or one book of the *Anabasis* & the *Gospel of Luke*; Homer's *Iliad*, three books, with prosody; *thoro Grammar*; Jones' *Composition*, twenty lessons.

LATIN: Especially mastery of *Grammar*; Vergil's *Æneid*, six books, with prosody; six of Cicero's *Orations*; Caesar's *Commentaries*, four books, or (& preferred) the first book of Caesar & either the *Catiline* of Sallust or Vergil's *Eclogs*; the ability to read at sight simple prose, & to turn simple English into Latin.

MATHEMATICS: Algebra, including Quadratics, Radicals, Binomial Theorem, Theory of Exponents, & Progressions; Plane Geometry, complete. "Advanced Mathematics" if offered should be the practical equivalent of our Freshman Year in Algebra & Trigonometry. Part of whatsoever preparation in Algebra should be had in the final year before entrance. No condition admissible.

ENGLISH LITERATURE, for 1914, or full equivalents.

For study: Shakespere's 'Macbeth,' Milton's 'L'Allegro,' 'Il Penseroso' & 'Comus'; Macaulay's 'Life of Johnson,' or Carlyle's 'Essay on Burns'; Washington's 'Farewell Address'; Webster's first 'Bunker Hill Oration'.

For reading: the proper number of the various items named in Syllabus of Coll. Ent. Exam. Board as warranting a reckoning of 2 units.

HISTORY: Ancient History with special reference to Greek & Roman History; Medieval & Modern European History; English History; United States History & Civil Government; any one of these counting a single unit. Two accepted.

GERMAN: A *first* preparatory year is covered by a New York State Certificate for the first year, or its equivalent, such as, Brandt's Grammar, Part I, the sections upon word-formation & accent from Part II; the first series of Lodeman's exercises; & fifty pages from Brandt's Reader.

The *second* year should include the reading of 200 pages of easy stories & plays, grammar completed, additional composition; or be covered by a second-year Certificate.

FRENCH: A *first* year should include careful drill in pronunciation; *the full rudiments of grammar*, including inflection of the regular & more common irregular verbs, the plural of nouns, the inflection of adjectives, participles & pronouns, the uses of pronouns & participles, idiomatic word-order, & the elementary rules of syntax; abundant easy exercises, basing for the most part on the matter read; the reading of 100-175 pages of graduated texts, with practice in translating into French variations of sentences thus familiarized.

The *second* year should include 250-400 pages of modern prose, — short stories, plays, etc., with frequent abstracts in French of various portions; continued drill in grammar, with increased sentence-writing; mastery of the forms & use of pronouns, irregular verbs & the general syntactical rules, especially those for the subjunctive & conditional; writing French from dictation.

A *third* year, of French, or of German, should include the reading of at least 600 pages of classical literature, more prose than poetry, & tragedy rather than comedy. An examination will call for sight reading, for independent translation of English into French or into German, for *thorough grounding in syntax & derivation*, & for acquaintance with the outlines of French or of German literature.

SPANISH: Two years work, to comprise careful drill in pronunciation; a complete study of some good grammar (*Olmsted & Gordon's*, or *Hills & Ford's*, are recommended); mastery of all but the rare irregular verbs, the inflection of nouns, adjectives & pronouns, the essential elements of syntax; the reading of at least 300 pages of modern Spanish prose & verse; exercises containing illustrations of the principles of grammar & practice in translating into Spanish variations of texts read; writing Spanish from dictation.

PHYSICS, or CHEMISTRY, or BIOLOGY: A single unit of either of these will be accepted, substantially equivalent in topics & methods to the statement under these heads required by the College Entrance Examination Board.

ENTRANCE REQUIREMENTS

¶ The unit system is adopted as the measure of fitness. A 'unit' is held to be five periods of recitation a week, equivalent to one quarter of a year's school work & to 120 sixty minute hours. A minimum total of $14\frac{1}{2}$ units is required.

The reckonings by units will be as follows:—

For the Classical Course.

Required:

English	3
Algebra & Geometry	$2\frac{1}{2}$
Ancient History	1
Latin	4
Greek	3

Elective:

One additional History	1
One Natural Science	1
Adv. Alg., Sol. Geom. & Trig.	$1\frac{1}{2}$
A Modern Language	2, or 3

For the Latin-Scientific Course.

Required:

English	3
Algebra & Geometry	$2\frac{1}{2}$
One History	1
Latin	4
One Modern Language (2 yrs)	2

Elective:

One additional History	1
One Natural Science	1
Advanced Mathematics	$1\frac{1}{2}$
A second Modern Language	2, or 3

¶ For the normal fourth year of Latin, or for the third year of Greek, (not both) may be substituted the two elementary years of a Modern Language, or the third year of a Modern Language, in either case to count 1. But this is for exigency & is by no means advised. Of course no subject may be reckoned twice. Alone, a first year of a Modern Language will not be reckoned.

CERTIFICATION & MATRICULATION

¶ Those who would enter Hamilton are urged to spend no time upon topics irrelevant to our entrance requirements: but early & resolute attention to spelling, orthoepy, expressive oral reading & declaiming, will be of direct advantage.

Itemized Certificates, specifying both time & topics, will be accepted, for those not taking our examinations, from Principals of Schools approved by this Faculty, from the New York State Education Department, & from the College Entrance Examination Board, (P.O. sub-station 84, New York) in so far as these cover any or all of our requirements. Preparation made under private tutors or at Summer Schools must be examined here. Concerning entrance address all correspondence to the President.

The College reserves the right to decline to admit with conditions, tho when the arrearage is small it may so admit to tentative standing: but it expects applicants to be substantially ready & will reduce conditioning to a minimum.

Certificates should be filed with the President as early as convenient. Blanks will be sent upon request. All new students meet the Dean, in the Chapel, at five o'clock of the afternoon preceding the opening day of the autumn term.

Those received with no condition, by examination, are matriculated (i. e., entered in full) at once; those admitted by Certificates, after passing any condition & the examinations of one term. An entrance condition must in all cases be satisfied prior to the opening of second term, or count as a three-hour delinquency. If for any reason a condition is examined in mid-term & not passed it becomes a three-hour delinquency from that date, with no further opportunity until the next regular delinquent day. Each department concerned will appoint the program of study involved by a condition.

Students from other Colleges having equivalent courses, may enter at the point from which they take dismissal, upon full certification of good standing & character.

SPECIAL STUDENTS

¶ Students not candidates for a degree, subject to the approval of the departments concerned, may choose courses for which they are evidently competent: but to be thus entered, one must be *as far ahead of the entrance requirements in some subjects as he is behind in others*. The arrangement is not for those who are merely unprepared for Freshman work, but for men, tho irregularly prepared, fit in some departments to undertake advanced courses.

Such Special Students must elect not less than fifteen exercises for each week, inclusive of Biblical study: but the 'Rhetoricals' may not be reckoned in these hours & if elected must be attended for the complete year. Scholarships are not offered to Special Students, nor may they compete for any honor or prize. To be satisfactory to the Faculty they must stand at least 6. for the work of each term with its examinations, & they are amenable to the 'ten hour' rule.

A Special Student attaining an average of 8. for a complete year, may receive a certificate of proficiency. If he continues for two or more years, with an average of not less than 8.5, his name may appear upon the Commencement program as a candidate for a certificate of completed special study.

ESTIMATED ANNUAL EXPENSES

¶ Board in Commons \$4.00 a week	\$140	\$140
Fuel and lights	7 to	15
Laundry	20 "	30
Tuition, \$45 each of the two terms	90 "	90
Contingent charge, public rooms, etc., \$15 a term	30 "	30
Half-rent of room, unfurnished, \$9 to \$45 a term	18 "	90
Necessary & important books	15 "	25

Class & Society taxes, student subscriptions, etc. . . .	20 "	60
Athletic Tax, \$5 a term	10 "	10
Amount	\$350 to \$490	

The half-expense of furnishing a room may be from \$30 to \$80.

Not including cost of attire & travel, but not deducting concessions as to tuition, one can go thro the College year, by rigid economy, upon \$350. An allowance of \$400 implies scrupulous care, one of \$450 is comfortable, \$550 is liberal, & any sum above \$650 is profuse. There is no charge extra for heat in Carnegie, nor in South. Each room in Carnegie & in South pays for its own electric light by meter, & pro rata for the hallways.

All term bills, including bills for board if had in Commons Hall, are due strictly in advance,—thus no bond is required. The Trustees instruct the Bursar to report the names of all students who at the end of the tenth day of each term have failed to meet their College dues, & the President is instructed to see that such students are excluded from recitation until payment is made, such absences not being excused, either in record of attendance or of scholarship. No student can be graduated, or have honorable dismissal from the College, until his dues are satisfied. Voluntary or careless damages to College property will be an extra charge to any students or classes responsible for such molestations. If these are not known, the charge is assessed upon the whole body of students, pro rata. No deductions for absence are made in tuition bills, where one returns to a class which he has left, or enters late, or is absent under discipline, or is dropped.

THE DORMITORIES

¶ The excellent accommodations surprise those who are familiar with other College Halls, even the very best, that so much is offered at so reasonable a charge. Carnegie Hall receives fifty-six men with abundant cubic space, steam heat, broad fireplaces for wood, hardwood floors, electric light, & a bathroom for each suit. South College is similar, but each floor of its two entries has a separated bathroom of ample size, with water-shower,便利ing six, or eight, persons. Full care of rooms in each of these two dormitories is included in the rental. North College is simpler & much cheaper.

Each set of rooms is for two men, or for three, as designated. All rooms are leased under an explicit contract made with one student & strict adherence to this lease is required. No deduction is made for occupancy less than that for which the suit is designated, nor is larger occupancy allowed. 'Ordinary room rental' when granted by scholarship is reckoned in any dormitory at \$9 a term. Professor S. J. Saunders is Director of Leases. The buildings are closed during vacations.

SCHOLARSHIPS

¶ There are ninety permanent endowments, whose administration is adjusted to furnish for their incumbents tuition for three years, & for the final year of tenure ordinary room rental to lessees. The President must be personally assured of the fidelity & the *actual need* of applicants.

The most recent additions to the scholarship foundations are \$50,000 by the generous gift of Andrew Carnegie, Esq., \$8,000 by Mrs. Dayton founding four scholarships as a memorial of Melville E. Dayton, '64, \$20,000 founding two large scholarships, one in memory of Mrs. Charlotte Buttrick Sackett & one in his own name by the Hon. Charles Holland Duell, LL.D., '71, \$10,000 by A. C. Soper, '67, & James P. Soper & their sister, Mrs. Etta Soper Smith, to maintain the tuition thro the course, in each class, of an approved graduate of the Rome Academy, & \$2,000 by bequest of Albert Phillips, '65. The quadrennial Clarence A. Seward scholarship, yielding \$560, will be granted to some member of the Alpha Delta Phi Society under conditions set by its authorities.

A few of the scholarships are affected by special provisions. Scholarships are not granted to 'special students'. Applications should be made to the President in writing, to be considered in their order. Ordinarily the benefits of these foundations will, as they are vacated, be assigned to needy & meritorious applicants who have been orderly & diligent & who are without conditions, excused examinations of long arrears, or unsatisfied delinquencies. If an incumbent is guilty of any gross impropriety, or extravagant, or neglects to stand above mediocrity, the aid may be summarily withdrawn, this principle applying to all scholarships whatsoever, including the Entrance & the Senior Prize Scholarships.

Attention is directed to the recent New York law providing a competitive scholarship in each Assembly District, the choice of college open to successful competitor.

Approved candidates for the Christian Ministry, needing aid, may receive from eighty to one hundred dollars a year, by placing themselves under the care of the Presbyterian Board of Education, of the Congregational Educational Society, the Board of the Reformed Church, or under other church authorities.

MAYNARD & BROCKWAY ENTRANCE PRIZES

¶ Upon the basis of the September entrance examination, & to the best two of the five successful competitors, as below described, these awards will be made:

First, the Maynard Prize of \$100, maintained by Reuben L. Maynard, A. M., Esq., '84, of New York. This award is payable at the succeeding Commencement, only if the candidate shall have been regular & orderly, & shall have good High Honor for his Freshman year.

Second, the Brockway Prize of \$25, founded by the late Dr. A. Norton Brockway, '57, payable upon the orderly completion of Freshman year.

FRESHMAN PRIZE SCHOLARSHIPS

¶ The five Fayerweather scholarships, yielding tuition for Freshman year, will be awarded to the five men of each class, if of satisfactory grade, who shall in September pass the best entrance examinations, at the College, upon $14\frac{1}{2}$ proffered units, in either course. Freshmen admitted in June may enter this September examination: but failure in a given subject will, in that subject, vitiate an entrance certificate & impose a condition. No one undergoing more than one condition will receive an award, nor with one condition attain the benefit until that condition is satisfied.

The John W. Vrooman Prize Scholarship for Freshman year, yielding tuition, is offered to one, attaining a grade of not below .7, who passes the best oral examination here in September upon the Gospel of Luke & three books of the Iliad. Luke will be acceptable for entrance in place of books 2, 3, 4 of the Anabasis. Approved certificates will be accepted for the first book of the Anabasis & for Greek Prose Composition & Ancient History, & for other specified parts of preparation: but one receiving an award under the above offer must be without a condition. This special competition does not include candidacy for the Maynard & the Brockway awards unless all other entrance subjects are examined here.

These various awards are an incitement to self-help, affording opportunity to several entering men of limited means to prove their ability & earnestness.

PRIZE FOUNDATIONS

¶ 1. A foundation of \$1,000, begun by Aaron Clark, of New York, & augmented by Henry A. Clark, '38, of Bainbridge, furnishes a prize for the Senior excelling in Original Oratory.

2. A foundation of \$500, by the late Chancellor John V. L. Pruyn, of Albany, furnishes a gold medal for the Senior writing the best oration on The Political Duties of Educated Young Men.

3. A foundation of \$1,000, by Franklin D. Head, LL.D., '56, of Chicago, Ill., furnishes a prize for the Senior writing the best oration upon a theme relating to Alexander Hamilton.

4. A foundation of \$500, by the late Mrs. A. R. Kirkland, of Clinton, furnishes a prize for the Senior writing the best oration upon a theme in Biblical Science.

Note: Only one of prizes 2, 3, 4, may be awarded to a given Senior.

5. A foundation of \$1,500, by the late Charles McKinney, of Binghamton, furnishes two prizes, of \$50 & \$25, for Seniors excelling in Extemporaneous Debate.

6. A foundation of \$1,500, by the late Arthur W. Soper, of New York, furnishes a prize of \$75 to that Senior submitting the best thesis in Advocacy of a Protective Tariff.

7. A foundation of \$1,200, by Hamilton B. Tompkins, A.M., '65, of New York, provides two prizes, & medals not exceeding four, for Juniors who excel in Mathematics.

8. A foundation of \$700, by relatives of the late Col. Henry H. Curran, '62, of Utica, furnishes a gold medal, & a silver medal, for Juniors who excel in Classical Studies.

9. A foundation of \$500, by the late Martin Hawley, '51, of Baltimore, Md., furnishes silver medals, not exceeding four, for Juniors who excel in Classical Studies.

10. A foundation of \$700, by the late Charles C. Kellogg, '49, of Utica, furnishes two prizes for the two students in each of the three lower classes who excel in English Essays, excepting that one Sophomore essay upon some subject relating to the Newspaper, will receive a bonus upon a foundation of \$500, by the late Willard A. Cobb, '64, of Lockport.

11. A foundation of \$700, by the late Charles McKinney, of Binghamton, furnishes book prizes for the two students in each of the three lower classes who excel in Declamation.
12. A foundation of \$500, by the late George Underwood, '38, of Auburn, furnishes a prize for that Senior who excels in Chemistry.
13. A foundation of \$500, by the late Tertius D. Southworth, '27, furnishes a prize for that Senior who excels in Physics.
14. A foundation by the late Charles W. Darling, of Utica, furnishes a prize for that Senior who shall have the best full record in American History.
15. By Frederick P. Warfield, '96, & in honor of Professor Brandt, a prize of \$50 is offered in German to Senior competition.

SENIOR PRIZE SCHOLARSHIPS

¶ The four prize scholarships named below, of \$250 each, will be awarded, in the class of 1915, upon vote of the Faculty, at the close of Junior year.

The Twenty-seventh award of the Greek Scholarship maintained by the Hon. Frederick W. Griffith, '86.

The Twenty-sixth award of the memorial Edward Huntington Mathematical Scholarship founded by Alexander C. Soper, A.M., '67.

The Twentieth award of the Arthur W. Soper Latin Scholarship.

The Fourth award of the German Scholarship founded by the Hon. Charles Holland Duell, L.D., '71.

No student may be awarded more than one of these, nor may he at the same time hold any other scholarship, — accepting one of these benefits he agrees to pay in full the College bills of Senior year.

The awards will be made in the order, first of the values & then of the ages of the foundations. Each scholarship shall go to the highest scholar in the department named, unless he is already assigned to another of these scholarships, in which case the next highest unassigned shall receive the award.

As a condition of an award all subjects in each given department up to the period of estimate must be taken, & that department work thro Senior year must be elected by the prize scholar. The completion of Senior year in this College is a condition of receiving the stipend.

THE ROOT FELLOWSHIP

¶ The Twentieth appointment to the Fellowship in Physical Science, founded by the Hon. Elihu Root, LL. D., '64, is offered under these standing regulations :

There being a fit candidate this fellowship will be awarded to a member of the graduating class who shall have shown marked ability & special aptitude for investigation in one of the departments of Physical Science. The whole fitness of the man shall enter into the estimate.

The Faculty shall entertain all recommendations from Professors, & shall by ballot & a two-thirds vote select a nominee, whom they shall refer to the Trustees for confirmation.

The appointment shall be for one year, to some University in America or in Europe, to be proved by the Faculty after the award. If the Faculty shall see fit to make no recommendation from a given class, they may at their discretion recommend to continue the Fellow of the year previous, for a second year only.

The stipend of \$500 shall be payable, one-third in October, one-third in February, & one-third in May, subject always to satisfactory proof of the Fellow's diligent progress.

Near the termination of his appointment, & before the third payment, the Fellow shall make to the President a full written report, to be kept in the College records.

THE LOCKE FELLOWSHIP

¶ The Sixth appointment to the Fellowship in Greek, founded by Franklin D. Locke, LL.D., '64, is offered, in the class of 1914, under these standing regulations:

There being a suitable candidate, this fellowship will be awarded to a member of the graduating class, who shall have taken the entire course in Greek, & who, with full general fitness, shall have evinced high ability in this department.

While not exacted, it is expected that the candidate will be one who will undertake advanced Greek study with the view to its further pursuit as a teacher, & this purpose shall be considered an element in determining the award.

The recommendation to the Faculty shall be made by the senior Professor of Greek in conference with the President, & upon a two-thirds vote of approval shall be referred to the Trustees for their confirmation. If in a given year there shall be no appointment, the interest of the foundation shall in that year be added to the principal.

The appointment shall be for one year, to some University in Europe or in America, to be approved by the Faculty, after the award.

The stipend of \$500 shall be payable, one-third in October, one-third in February, & one-third in May, subject always to satisfactory proof of the Fellow's diligent progress.

Nearing the termination of his appointment, & before the third payment, the Fellow shall make to the President a full written report, to be kept in the College records.

COURSES OF INSTRUCTION

¶ These are two, the Classical & the Latin-Scientific. The 'Summary of Studies' gives the electives arranged under a 'group system' under which each student will be required, under approval, to make a consistent & continuous choice. The Classical (A.B.) course is open (1) to those who present three or two units of Greek for entrance; & (2) to those who, entering under the Latin-Scientific requirements, elect to begin the study of Greek & pursue courses 1 & 2. The Latin-Scientific course leads to the degree of Bachelor of Philosophy, or to the degree of Bachelor of Science for those who have successfully pursued, at the least, two entire courses in the natural sciences, or in one of these & in mathematics.

The studies of Freshman year are prescribed, except in the particulars given below. The following is a summary of the work of that year. An odd number indicates a course given in the first term; an even number, one given in the second term.

A. Required of all Freshmen.

Mathematics 1-2 (Algebra, Trigonometry)	3 hrs.
Latin 1-2 (Livy, Cicero, Horace)	3 hrs.
Public Speaking 1-3-4 (Public Speaking, Declamation, & Writing English, 1-2 (Composition, Rhetoric)	4 hrs.
Bible 1-2	1 hr.
Hygiene & Gymnasium	1 hr.

B. Required of Classical Freshmen in addition to A.

Greek 5-6; or 3-6; or 1-2; (*Lysias, Odyssey; or Iliad, Odyssey; or Elementary Greek*)

3 hrs.

German or French, 1-2 or 3-4; (Elementary German or French; or Goethe's *Hermann und Dorothea*, Modern plays; Modern French Fiction, Comedy)

3 hrs.

C. Required of Latin-Scientific Freshmen in addition to A.

German 3-4 or 1-2, as above

3 hrs.

French 3-4 or 1-2, as above

3 hrs.

Students in the Classical Course who enter with three units of Greek elect either German 1-2 or French 1-2 for Freshman year. Those who enter with two units of Greek are required to take courses 1-2 in that modern language which they did not offer for entrance. Those who elect Greek 1-2 continue the modern language offered for entrance, or begin the other modern language.

Students in the Latin-Scientific course who offer German or French or both languages for entrance, are assigned to courses 3-4 or 1-2 in these two languages according to their preparation. Entrants with two units of Spanish will take two of the following: German 1-2, French 1-2, Greek 1-2.

Students entering with three units of Latin will be required to complete courses 3-4 for graduation. It is provided, however, that this shall not apply to a student who elects Greek 3-6 or 5-8, and who continues the study of a modern language, 3-4, during Sophomore year.

In order to qualify for the A. B. degree, students who enter with three units of Greek are required to take courses 5-6. Those who enter with two units are required to take courses 3-6, 5-8. Those who begin Greek in college are required to take courses 1-2, 3-6, 5-8.

At least one College year will be required in each subject (when duly reached in the course) upon which Freshman entrance is reckoned, such preparation in a particular subject thus bearing upon work to be done in College.

At least one College year in one of the Natural Sciences, & at least two College years in at least one of the Modern Languages, will be required for graduation.

The purpose of all the College program is to discipline alert & accurate thinking, together with skill in critical & forcible expression. Thoro introduction is sought to the principles & fundamental facts in the study of Man & his world. Specialization is not attempted, nor knowledge alone, but the stimulation of precision, force, imagination, comprehension, an agile & producing mind,—having keen individual regard for the net man.

In all cases two hours of laboratory work count as one hour of recitation. Two hours of actual observational study in the field are reckoned as two laboratory hours.

RELIGIOUS INSTRUCTION

¶ Hamilton College is under no denominational control & never was, but while in no sense sectarian, neither is it secular. It avows its historic debt both to the Christian faith & to the patriotic devotion of its founders, & treats the devout recognition of God, revealed in His world & His word, as elemental & indispensable in the development of true manhood.

As a regular College exercise there is held in the Chapel each week-day morning at eight (8.5) a brief service, with Bible reading, praise & prayer. Each Sunday afternoon at four there is public worship, at which all members of the College are required to be present.

Class prayer meetings are of regular appointment. The Young Men's Christian Association maintains an influential life. Courses of special Bible study are conducted by the Association. A good Reading Room is provided. The President of the Association for the current year is William James Barnes, '14.

Every Christian man entering the College is urged, by letters either of commendation or of transfer, to relate himself to the College Church. The Lord's Supper is celebrated once each term. Biblical Instruction is a part of the course.

EXAMINATIONS

¶ 1. Of all the classes, at the close of First & Second terms.
2. Of the Senior Class, two weeks before Commencement.
3. Of the other classes, the week before Commencement.
4. Of delinquents, at the opening of each term, & upon one day of the Easter recess.
5. German Prize Examination, Saturday, June 6th.
6. Of TOMPKINS prize competitors, Saturday, June 6th.
7. Of CURRAN & HAWLEY prize competitors, Thursday, June 11th.
8. Of UNDERWOOD prize competitors, the first Thursday of June.
9. Of SOUTHWORTH prize competitors, the first Friday of June.
10. Of applicants for admission, at each Commencement, & on the Tuesday & Wednesday preceding the opening of the Autumn term.
11. Of competitors for the MAYNARD & BROCKWAY prizes & the ENTRANCE SCHOLARSHIPS, on the two days preceding the opening of the Autumn term.

Competitors in prize examinations receive thereon their term examination grade in subjects so covered, no further examinations in these subjects being required.

DEGREES

¶ The degree of Bachelor of Arts is conferred only upon those who have done the required work of the Classical Course in both Latin & Greek. The Latin-Scientific Course leads to the degree of Bachelor of Philosophy, or to the degree of Bachelor of Science to one who has successfully pursued, at the least, two entire courses in the Natural Sciences, or in one of these & in Mathematics. No Bachelor's degree, nor Ph.D., nor Sc.D., honorary, will be given.

Graduates of three years' standing who have continued in study are entitled to the Master's degree, corresponding to their earlier degree, upon application, in early May, to the President. Such candidates should be present at Commencement to receive their degrees in person, & they

will be represented in the Commencement exercises by a graduate orator to be selected by the Faculty. The fee for the Master's degree, in course, is \$10, payable in advance, & the same for the Bachelor's degree, given *nunc pro tunc*. No degree *nunc pro tunc* will be conferred except on affirmative proof that since leaving College the candidate has pursued a life of scholarly attainment & has by ability & conduct justified the degree as fully as if his College course had been completed, & no such degree will be conferred *in absentia*.

Resident graduates may receive the second degree by continuing their studies for one year under the direction of the Faculty, as a fifth College year. They must, under approval, choose two related subjects, offering finally a full thesis upon one of these, & meeting at the end of each term examinations in both subjects; also, at the end of the year, an oral examination in both subjects before a committee of two members of the Faculty. The names of such students, with their subjects of study & of theses, shall be submitted to the Faculty early in First term.

Students who have taken their Bachelor's degree at another college, with course equivalent to Hamilton's, may also become candidates for the second degree, upon one College year of strictly resident study in this College. They will be charged for room-rent & tuition at undergraduate rates. Bachelors not in residence, under provisions agreeing with the above paragraph, may receive the second degree in two years, upon the payment of the regular rates for tuition.

Honorary degrees will be conferred only upon those who, accepting advance notification, are present to take the offered degrees in person.

PUBLIC EXHIBITIONS

¶ CLARK Prize in Oratory, the first Wednesday evening in June.

McKINNEY Prize Declamation, Thursday afternoon in Commencement Week.

McKINNEY Prize Debate, Friday afternoon in Commencement Week.

COMMENCEMENT DAY is the last Monday, save one, in June.

HONORS, GRADES, & COMMENCEMENT APPOINTMENTS

¶ According to these departments, or groups, viz.:—Greek; Latin; Mathematics; German; French; Italian & Spanish; Rhetoric & Oratory; English Literature, including Old English; Psychology, Logic & Pedagogics; Philosophy; Ethics, including Bible Studies; Chemistry & Biology, Jr. & Sr.; Physics; Geology & Mineralogy; Law & Political Science; American History;—honors will be awarded at the end of the course, based upon the average grade in the required work, & also upon the elective work unless otherwise stated when the elective is announced. A student receives an Honor in any department in which he shall have stood 9.2 or better, having in every case an examination record for all subjects upon which the Honor is based.

Each class is divided into four groups, viz.:—High Honor, including those whose average is 9.2 or over; Honor, those whose average is from 8.6 to 9.2; Credit, those whose average is from 8 to 8.6. Graduation, which cannot be below 6. In each September announcement covering the previous year's work, if complete, is made of the first three groups in each class.

The Valedictorian & the Salutatorian shall be the two members of the graduating class who have had the highest & next to the highest standing for the entire course.

Commencement speakers shall not exceed seven in number, & will be: The successful Clark Prize Orator; the Pruyn Medal, Head Prize, & Kirkland Prize Orators; the Salutatorian & the Valedictorian; together with the appointee to the Master's Oration. But if either of the above named is not appointed, or if two appointments fall to one person, the Faculty, in its discretion, may appoint a further orator or orators, from those of High Honor grade and excellent rhetorical record.

SUMMARY OF STUDIES, FOR 1913-1914

FRESHMAN YEAR

CLASSICAL ENTRANCE

HOURS	FIRST TERM
3	Advanced Algebra. 1.
3	Greek. 5. Lysias. Grammar. Comp.
3	Livy. Cicero de Senectute. Comp. 1.
3	Elementary German. 1. Brandt's Grammar & Reader. Lodeman's Manual. or Elementary French. 1. Grammar, Pronun., Readings, & much oral method.
2	Principles of Public Speaking. 1.
2	Chapel Declamation. Writing English.
1	History of the English Bible. 1.
1	Hygiene. Gymnasium.
	SECOND TERM
3	Plane Trigonometry. 2.
3	Homer's Odyssey. Jebb's Int. 6.
3	Cicero. Odes & Epodes of Horace. Comp. 2.
3	German. 2. Above contin. Schiller's Tell. or French. 2. Continued. Dictation & Conversation.
3	Rhetoric. Writing English. 2.
1	Chapel Declamation.
1	Origins of the Bible. 2.
1	Hygiene. Gymnasium.

LATIN-SCIENTIFIC ENTRANCE

HOURS	FIRST TERM
3	Advanced Algebra. 1.
3	Livy. Cicero de Senectute. Comp. 1.
3	German, or French. (courses according to entrance.)
3	A second Modern Language; or Elementary Greek, 1. begun, thus entering upon A.B. Course.
2	Principles of Public Speaking. 1.
2	Chapel Declamation. Writing English.
1	History of the English Bible. 1.
1	Hygiene. Gymnasium.
	SECOND TERM
3	Plane Trigonometry. 2.
3	Cicero. Odes & Epodes of Horace. Comp. 2.
3	German, or French, continued.
3	Second Modern Lang. continued, or Elementary Greek continued, Anabasis. Prose Comp. 2.
3	Rhetoric. Writing English. 2.
1	Chapel Declamation.
1	Origins of the Bible. 2.
1	Hygiene. Gymnasium.

SOPHOMORE YEAR

	FIRST TERM
	Required, 3 hours.
2	Declamation. Writing English.

1 Debating.

Elective 15 hours & 5 subjects. At least two subjects must be chosen from Group A, & at least one each from B & C. Further, a Modern Language begun Freshman year must be continued thro Sophomore year.

A

3	Demosthenes on the Crown. Gk. History. 7.
3	(For men with Latin-Scientific entrance) Homer's Iliad. Gk. Composition. 3.
3	Tacitus' Agricola. Pliny's Letters. History. 3.
3	Goethe's Her. & Dorothea, or Lyric Poetry. 3.
4	Intermediate French. 3. Mod. Prose Fiction. Short stories. Ad. comp., conv. & dict.

A

3	Idylls of Theocritus. Int. to Alexand. Poetry. 8.
3	(Latin-Scient. entrants) Homer's Odyssey. 5.
3	Catullus. Cicero's Letters. History. 4.
3	German. 4 Modern Plays. Short Stories, or Tragedy.
3	Modern French Comedy. 4.

B

3 English Literature. General Introduction. 1. 3 English Lit. Nineteenth Century Poetry. 2.
 3 Mediaeval History of Europe. 1. 3 Modern History of Europe. 2.
 3 Philosophy. 1. *Psychology.* 3 Philosophy. 1. *Logic & Evidence.*

C

3 Analytic Geometry. 3. 3 Differential Calculus. *Granville.* 4.
 3 (4 as) Elementary Chemistry with Lab. 1. 3 (4 as) Chemistry with Laboratory. 2.
 3 (4 as) General Biology. 1. 3 (4 as) Plant Biology. 2.

In second term, if so desiring, not fewer than 6 or more than 10 may have a 2 hour course, *extra*, in Applied Trigonometry.

JUNIOR YEAR

FIRST TERM

Required, 3 hours.

2 Declamation. Chapel Discussions.
 1 Class Debate.

HOURS

SECOND TERM

Required 3 hours.

2 Declamation. Chapel Orations.
 1 Class Debate.

ELECTIVE 15 HOURS

A subject must be elected from each group.

A

3 Greek Tragedy. 9.
 (Earlier courses for those who began Greek in College.)
 3 Roman Drama (Plautus, Terence, Sen.). 5.
 3 German. 5. Lyric Poetry. Romanticism. or Goethe. 7.
 3 French Tragedy. 5. Corneille to Rostand.
 3 Int. to Modern Italian. 1.
 3 Elementary Spanish. 1.
 3 Anglo-Saxon. 5.

B

3 Philosophy. 3. Plato to Kant.
 3 Eng. Literature. 3. 18th Century Prose.
 3 American History, Colonial. 5.
 3 Sociology. 1.

C

3 (4 as) Organic Chemistry. 3.
 3 Zoology & Compar. Anatomy. 3.
 3 Physics. 1. Mechanics & Heat.
 3 Dynamical Geology. 1.
 3 Integral Calculus. 5.

A

3 Greek Comedy. 10.
 (or earlier courses.)
 3 Roman Satire. (Hor., Juv.). 6.
 3 German. 6. Hist. Prose. Tragedy. or Lessing. 8.
 3 French Comedy. 6. Moliere to Dumas fils.
 3 Italian. 2. Int. to Dante.
 3 Elementary Spanish. 2.
 3 Middle English. Chaucer. 6.

B

3 Philosophy. 4. Kant to Spencer.
 3 Eng. Literature. 4. 19th Century Prose.
 3 American History, National. 6.
 3 Economics. 2.

C

3 (4 as) Organic Chemistry. 4.
 3 Embryology. 4.
 3 Physics. 2. Sound & Light.
 3 Structural Geology. 2.
 3 Adv. Analytic Geometry. 6.

SENIOR YEAR

HOURS	FIRST TERM	HOURS	SECOND TERM	
	Required 3 hours.	Required 3 hours.		
1	Ethics.	1	Christian Evidences.	
1	Parliamentary Law. Debate.	1	Debate.	
1	Orations, or English Seminar.	1	Orations, or English Seminar.	
ELECTIVE 15 HOURS				
	A		A	
3	Greek. 11. Plato.	3	New Testament Greek. 12.	
3	Roman Eleg. Poets. Anc. Classical Art. 7.	3	Hist. Lat. Literat. Roman Art. 8.	
3	German. Goethe. 7.	3	German. Lessing. 8.	
3	Hist. Ger. Lit & Lang. or Seminar. 9.	3	Hist. Ger. Lit. & Lang. or Seminar. 10.	
3	French. 7. Mod. Prose. Descartes to Renan.	3	French. 8. Int. to Rom. Philol., & O. French.	
3	Advanced Spanish. 3.	3	Advanced Spanish. 4.	
3	Elementary Hebrew. 1.	3	Hebrew. 2. Historical Prose.	
	B		B	
3	Philosophy. 5. Particular Classics.	3	Philosophy. 6. Current Problems.	
3	Pedagogy. 7. Historical.	3	Pedagogy. 8. Practical.	
3	Economics. 3.	3	Economics. 4. Finance.	
3	Elements of Law. 5.	3	Appl. Prin. of Law & Economics. 6.	
3	American Const. Government. 7. (course 3 may continue in 4, or in 6.)	3	International Relations of the U. S. 8.	
3	Industrial History of the U. S. 5.	3	Seminars in Const. Law. 6. & in Political Science. 10. (Both if either.) (Const. Gov. 7. a condition of taking 6.)	
3	Shakespere & Elizab. Drama. 5.	3	Shakespere. 6.	
	C		C	
3	(4 as) Chemistry. 5. Qual. & Quant. Anal.	3	(4 as) Chem. 6. Qual. & Quant. Anal.	
3	Elementary Bacteriology. 5.	3	Histology. 6.	
3	Physics. 3. Electricity.	3	Physics. 4. Electricity.	
3	Astronomy. 5.	3	Phys. Laborat. & Photography. 6.	
3	Geology. 3. Historical.	3	Geology. 4. Adv. & field work.	
3	Mineralogy. 5.	3	Mineralogy. 6.	
3	Projective Geometry. 7.	3	Differential Equations. 8.	

PRECEPTS AS TO ELECTIVES

¶ All electives are made subject to the approval of the Committee of Studies, & must be made, year by year, for the full year to come. Under ordinary circumstances no mid-year changes will be allowed. In the given year consecutive courses must be elected.

(b) Freshmen courses are flexible only in respect to the choice between German & French, & as to the option to begin Greek afforded to entrants with the Latin-Scientific preparation. Greek begun in college requires three years for the A. B. degree. Entrants with equivalent of our Freshman Mathematics are assigned to that subject with Sophomores. Those offering advanced History, Spanish, or a Natural Science, defer work in these to a later year.

(c) At least one college year in one of the Natural Sciences is required for graduation & at least two college years in at least one of the Modern Languages.

(d) A Modern Language begun in Freshman year must be continued thro Sophomore year. One entered, by substitution (or condition), with but three years of Latin must take the Latin of Sophomore year, unless electing Elementary Greek. One entered with less than the stated three years of Greek (by substitution for its third year, or with condition) must take Greek courses 3, 6, 5, 8.

(e) For Junior & Senior years, together, each student must complete ten year courses (electives) of three hours each, of which at least four courses must be taken in each of these years. Such a modification (6 & 4, or 4 & 6) will be strictly subject to the approval of the Committee of Studies.

(f) For Junior year at least one subject from each group must be elected, & for Senior year election must be made from at least two groups.

(g) In Sophomore, Junior, or Senior years, a student may 'elect back' any preceding course to which he is eligible if the 'Schedule of Hours' admits this without conflict.

(h) All new students are required to register on the day before the opening of the first term. For this purpose a member of the Committee on Schedules & Studies will be in the Library from 10 a. m. to 12 m. & from 2 to 4 p. m. On this day all Freshmen will receive their program of studies for the year; & those who, under the regulations for the Studies of Freshman Year, elect a modern language or elementary Greek will then make their election.



ABSENCES & EXCUSES

¶ 1. Each student, if without conditions or delinquencies, has the following privilege of absence from the assigned exercises in each department, amounting to about 10 per cent., & the same in either term: Morning chapel, 12; exercises having one hour a week, 2; two hours, 3; three hours, 5; four hours, 6. All absences are counted double if taken in the four days just before or after any vacation or recess, or in the two days just before or after any holiday.

This privilege includes neither rhetorical appointments nor formal reviews, written or oral. The allowance is primarily meant to cover incidental illness, & one uses it for other casual absences at his own risk. The relation of protracted sickness (exceeding the term's total allowance) to College standing, & to prize competition, will be dealt with by equity rather than by precise rule: but men subject to frequent maladies are not expected to be able to maintain their places in College. General neglect will at any time be held a sufficient reason for exclusion. A warning for misconduct forfeits, for that term, all privilege of allowed absence.

2. Permission for definite anticipated absence in representation of any College organization, athletic, musical, etc., must be sought, thro the Dean, not less than three days in advance. Such plans must be authorized by the Faculty before definite engagements are made, & all athletic matters will be subject to consideration & report by the Faculty's standing committee. Two students only may be excused, only in advance, as delegates to annual meetings of Societies & other College organizations, & for such permission a written request must be presented, thro the Dean, signed by the proper officers, & stating the names of the proposed delegates, the place & date of meeting, & the minimum of time needed. Excuses to those above described shall in a given term not exceed in the first term two & in the second term three extra to the assigned allowance in any given appointment. Applications to the Dean for absence in order to vote, & under other exceptional necessity, will be considered, strictly in advance, under the general principles of this rule.

3. All students are required to attend Public Worship each Sunday afternoon at four, in the College Chapel, & occasional excuses will not be granted. But the President may excuse one who statedly conducts religious services elsewhere.

4. For absence from term exercises, outside of examinations, no excuses other than those before described will be given. Excuses covering examinations will be dealt with by the Faculty, only upon written application, to be presented thro the Dean. Failures & delinquencies in rhetoricals are to be satisfied upon the first Wednesday & first Saturday following a regular delinquent day. Any classroom work lost by absence may be required to be made up to the Instructor concerned.

5. No student will be excused as one of an athletic team, or other College organization, who has an unsatisfied delinquency whatsoever, or a condition, or whose

absence would be detrimental to his work; nor may a student play in any match game who has more than one delinquency or condition.

6. Any student delinquent in scholarship, or with a condition, shall have a minimum allowance only, of *ten absences* in the term, distributed at his option. One having full allowance & who in a given term exceeds this shall incur a two-hour delinquency of attendance & until removing this delinquency shall have only the 'minimum allowance': but in reckoning such excess two credits of unused allowance shall offset one excess elsewhere.

A student upon minimum allowance & *not exceeding* this in a given term may thus *remove* one delinquency of attendance: but if exceeding the minimum allowance by more than *five* absences he shall incur an additional delinquency of attendance.

One who for 'protracted sickness' has been granted 'relief from zeros' shall in the term next following have only the minimum allowance: but if with no further excess of five absences the delinquency shall not be imposed. If on the spring delinquent day one removes all delinquencies of scholarship & has no delinquency of absence he shall receive a further allowance of ten absences for that term.

STANDING & DELINQUENCY

- ¶ 1. Each Instructor records all exercises before him upon a scale of ten.
- 2. Successful prize competitors, & appointees for Prize Declamation, Prize Debate, & Clark Prize, receive each twenty perfects. Other competitors receive 15, 10, or 5 perfects, as their extra work may deserve.
- 3. "Delinquency of failure" is failure (a) to attain, in any study, a term grade of five, such failure excluding from that class examination; *or*, (b) to attain a credit of five in Debate, or in the Chapel Rhetoricals; *or*, (c) to attain a record of six in any required examination. A subject delinquent or postponed and not earlier satisfied must be met by taking it, extra, in class when next it recurs. Vacation addresses must be left with the Clerk of the Faculty.
- 4. Delinquent examinations are held at specified hours of the day preceding the opening of first term, of the eighth day of second term, & of the final day of the Easter recess. Those with no more than two unsatisfied examinations may report for them on these days only. Those having more than two & who on such days shall have attempted two of these, may further report on this same day to the Instructor concerned for appointments, in subjects additional to those two only, for not later than the second succeeding day: but the Easter recess day shall not be so extended. To be recommended for a Degree with his class a Senior must, upon the Spring delinquent day, be left with no examination earlier than Senior year unsatisfied, & also by the end of the year must have removed all prior delinquencies of attendance, & must have incurred no delinquency of attendance in his final term.

Failures of first term Senior if attempted but not passed in the Easter recess, may be satisfied, as also any failure of second term, at a first subsequent appointment only, not later than the final Tuesday of the year. One failing of a degree with his class may be examined only upon a subsequent delinquent day, & if passing will be recommended to receive his degree at the next Commencement.

5. Excused examinations, to be reckoned as a basis for Department Honors, must be satisfied before the beginning of the second term following that in which the subject is considered in class. Residence for Senior year is a condition of graduation. No student having an unsatisfied examination, or delinquency whatsoever, shall enter any prize examination, or writing competition, or be eligible for appointment to any prize contest; nor may an appointee compete for an award if having, at the time of the contest, a delinquency by a term record of less than five in any subject.

6. Whenever a student's delinquencies shall amount to TEN HOURS, he shall thereby be separated from his class. To continue in College he must enter a lower class. He may in no case return to the class from which he was dropped, & to be readmitted must be free from all conditions or failures up to that point at which he re-enters.

* * * * *

OUTLINES OF DEPARTMENT WORK

¶ Excepting in the few cases stated all subjects are 'three hours' each week. (I) & (II) designate respectively the two terms. Small numerals refer to the courses stated in the 'Summary', under the triple group system.

ETHICS & APOLOGETICS

1-2. A year course for Freshmen, one hour. History of the *English Bible*, & *Origins of the Bible*,—that is an outline of its growth & moral sequence. Some time is given to instance work in interpretation of the actual N. T. text.

3-4. *Ethics and Christian Evidences.* (I). The history of ethical theory; its central importance; the basis of moral obligation; the resultant duties to God & to man; the interpretation of conscience; the moral purpose to be sought in the whole complex of society; such are the vital pursuits of this course. A text-book is used.

As the completion of this course, the Seniors, (II), are occupied with the religious argument from the natural creation, & with the evidences of Christ's portrayal in Holy Scripture & His revelation in history as the Divine Redeemer of the world. The work is under the President.

RHETORIC & ORATORY

The work done by Hamilton in this department has long given her graduates an enviable reputation for skill in speaking & writing. Every student does continuous work in both subjects during his entire course. Public speaking in some form is required of every man from the time he enters until he graduates. Theme writing extends thro the first two years, & thro the last two the work of composition, oral & written, is continued in discussions, orations, & debates.

The mastery of the mother tongue cannot best be taught by written method alone. Since the language of daily life is mainly oral, so should the greater part of the instruction in it be oral rather than written. The most recent movement in the pedagogy of English is toward this idea, long incorporated in our sound practice.

All courses in this department, excepting 5-6, are required & are 1 hour unless otherwise stated.

1. *Writing English* (I). Elementary principles of composition; mechanics of writing; themes weekly.

2. *Rhetoric, & Writing English* is continued. (II) 3 hours.

3-4. *Writing English*. Sophomores (I) & (II). Advanced practice & themes.

5-6. *Senior Seminar in Writing English*, taking the place of Public Speaking 11-12 for ten selected men. Under supervision these Seniors handle Freshman themes (Writing English 1-2). Each has a group of six to eight Freshmen for whose themes he is largely responsible. There is a conference over each piece of writing. The results are subject to revision by the Instructor. Meetings of the Seminar are occupied with discussions of special forms of writing, & practice work in each form, the course fitted to be specially useful to those planning to teach or to become journalists.

1. *Elements of Public Speaking*. The production & control of the voice, vowel & consonant sounds, the correction of vocal faults. The voice in speech: articulation, pronunciation, force, rate, pitch, timbre, emphasis, inflections, delivery, phrasing. Personality in speaking: physical interpretation, gesture, action. Short speeches (125-200 words) every two weeks. (2) 2 hours.

3-4. *Freshman Declamation*. Each Freshman appears three times a year with a prose declamation of 350-400 words. Three drills are required for each appearance.

5-6. *Sophomore Declamation*. Each Sophomore appears once each term with a prose declamation of 350-400 words. Two drills required for each appearance. The second declamation may be original.

7-8. *Junior Declamation*. Each Junior appears each term with an original short speech about 400 words in length. One drill is required for each appearance.

9-10. *Junior Discussions*. Argumentative orations on approved propositions, affirmative & negative, 700-900 words in length. Original work. Each Junior appears once in the term. Drills not required.

(II) term as first, except that the arguments are less formal, with more emphasis on the oratorical element.

11-12. *Senior Orations*. Each Senior who is not in Writing English 5-6, appears once each term with an original oration on an approved subject, 800-1000 words in length. Drills not required.

13-14. *Sophomore Debate*. Classroom study of the theory of argumentation & debate, including analysis of propositions, methods of proof & rebuttal, briefing, & platform practice.

(II) Debates from briefs made in 13.

15-16. *Junior Debate*. Advanced classroom debates.

17-18. *Senior Debate*. Parliamentary Law (taught by the President), & advanced classroom debates.

The many various prizes in this department are set forth under 'Prize Foundations', p. 20.

PHYSICAL EDUCATION

1-2. *Hygiene & Physical Training*. A course is given to all Freshmen, covering both personal & public hygiene, including lectures on the care of the body, sex instruction, general & corrective exercises, ventilation, home and village sanitation. Practical work in gymnastics is conducted thro the year. Outdoor group games & exercises, as well as work in the gymnasium, combining calisthenics, the use of apparatus, Indian clubs, dumb-bells, wands, etc., with special leadership training. Required for the year. Three periods a week. One hour credit.

3-4. *Physical Training*. Advanced work on heavy apparatus & special gymnastic drills. Required of Sophomores, elective for Juniors & Seniors. Two periods a week from November 15 to Easter Recess. No scholastic credit given.

GREEK

The courses in Greek from 5 to 12 form a program for four years, based upon an entrance preparation of three units. Courses 1 to 3 are for those who begin Greek in College. For these courses 3 & 6 constitute a second year's work; 5 & 8 a third year's work; a fourth year is possible in courses 9-10 or 11-12. Course 7 is not ordinarily open to these students.

1-2. *Elementary Greek*. Goodwin's Grammar is used from the beginning. Attention is devoted to Attic forms & syntax in connection with readings from the *Anabasis*. Exercises in writing Greek continue thro the year. Open to those Freshmen who enter without Greek. (I) & (II). All Greek courses three hours.

3. *Intermediate Greek*. (I) Selections from Homer's *Iliad*. Homeric forms, constructions, & prosody. A continuation of 1-2; also open to those Freshmen who enter with two units of Greek.

5. *Lysias*. (I) This course includes review of grammar, work in prose composition & introductory study of rhetorical style. Required of Freshmen who enter with three units of Greek.

6. *Homer's Odyssey* (II) In alternate years selections read from Books 1-12 and 13-24. Particular attention given to the structure of the poem, to Homeric antiquities, & to the historical aspect of the language. A continuation of courses 3 & 5.

7. *Demosthenes*. (I) Important parts of the *De Corona* are read, with a review of the political history of the period. Open to those Sophomores who have completed 5-6.

8. *Theocritus*. (II) The Idyls, illustrated by parallel passages from the other 'Alexandrian' poets. Open to those Sophomores who have completed 7, & to any student who has completed 3-6, 5.

9-10. *The Drama*. A tragedy of Eschylus or of Sophocles is carefully interpreted, followed by rapid reading of other selected tragedies. Aristophanes is studied in similar manner. The year's work includes a survey of Greek poetry from Homer to the drama.

11-12. *Prose Writers*. Careful study of Plato's *Phaedo*, with emphasis upon the form of the dialog as a whole, & upon the arguments. Lectures & collateral reading form an introduction to Platonism. In the latter part of the year a brief study of New Testament Greek.

Courses 9-10 & 11-12 are offered in alternate years, open to all students who have completed 8. In 1913-14, 11-12 are offered.

In connection with 5, 6, 7, 9, 10, illustrated lectures on art & archaeology are given & collateral reading required. The topics treated are:

the Acropolis, its history & monuments; the Cretan & Mycenean periods; the Parthenon; the monuments of Olympia & Delphi.

The Vrooman Prize Entrance Scholarship, the Griffith Senior Scholarship & the Locke Fellowship are awarded each year under the terms stated elsewhere.

LATIN

1. (I) *Cicero's De Senectute*. Livy: selections from Books I, XXI, XXII, prose compo.

2. (II) *Horace's Odes & Epodes*. A course purely literary. Courses 1 & 2 required of all Freshmen.

3. *Tacitus' Agricola*. (I) *Selected Letters of Pliny*. (I) Includes a study of the literature & society of the Silver Age.

4. *Catullus*. (II) Selected Letters of Cicero; study of political & social history of the period.

5. *Roman Drama*. (I) Juniors read rapidly one tragedy of Seneca; Plautus & Terence. Emphasis is placed on Roman comedy thro several plays.

6. *Roman Satire*. (II) Following a brief introduction to early satire, attention is devoted mainly to the reading of Horace & Juvenal.

7. *Roman Elegiac Poets*. (I) Tibullus, Propertius, Ovid. Alternative: *Roman Public Life*. A study of Roman public life & institutions, partly by the reading of original sources & the various modern authorities. This course may, after consultation with the Instructor, be elected by others than those who have had three years of Latin.

8. *History of Latin Literature*. (II) Aside from lectures & the reading of modern authorities, the course consists primarily of extended readings from the Latin authors.

9-10. *Roman Art*. Including such topics as the relation of Roman to Greek art; Roman painting, sculpture, architecture, processes of construction, & other problems in Roman archaeology. Lectures & reading. Admission to this course does not presuppose advanced courses in Latin.

Except as noted above all the courses call for the preceding courses as prerequisites, unless by permission of the Instructor. To receive credit for either 7-8, or 9-10, both courses must be taken.

59th CURRAN & HAWLEY EXAMINATION

Thursday, June 11th, 1914

The award of the Curran medals is determined by written examinations in Greek & Latin, at the close of the Junior year. The Hawley medals are given for excellence in the entire Greek & Latin work, so far, of Junior year.

The competition is open to Juniors who elect Greek & Latin, & the examinations will begin at 9 o'clock, to close at 12 in Greek & at 5 in Latin.

GERMAN

1. *Elementary Course.* (I) Thoro grounding in pronunciation, forms, & syntax. Constant stress upon writing & speaking. Selections from a reader.

2. *Elementary Course* continued. (II) Schiller's *Tell* is added to the readings.

Courses 1 & 2 are required of 'Latin-Scientific' Freshmen who enter without German, elective for other students.

3. *Intermediate German.* (I) In Grammar, the word-formation; prose composition on difficult syntactical points. Reading of Schiller's *Jungfrau von Orleans* and Goethe's *Hermann und Dorothea*; historical prose from the reader. Prerequisites: 1 & 2 or their equivalent in entrance German.

4. *Modern Plays & Short Novels.* (II) Rapid reading for the expansion of vocabulary. Increased sight translation.

Courses 3 & 4 are required of all Sophomores who have taken 1 & 2 as Freshmen, & of all Latin-Scientific Freshmen who offer German for entrance.

5. *Lyric Poetry.* (I) From Walther von der Vogelweide to the present time. Echtermeyer's *Auswahl Deutscher Gedichte* & *The Oxford Book of German Verse*. Alternative: the *German Romantic School*. Extra readings with abstracts in German are assigned.

Elective for Classical Juniors & Latin-Scientific Sophomores. Prerequisite: German 3 & 4.

6. *Masterpieces of Historical Tragedy.* (II) Especially those of the classical period: Schiller's *Don Carlos* & *Wallenstein*, Goethe's *Egmont*. Modern plays by Grillparzer, Hebbel, & Wildenbruch.

7. *Goethe's Faust I & II.* (I) Elective for Classical Seniors & Latin-Scientific Juniors. Prerequisite: German 5 & 6.

8. *Lessing's Plays & Prose.* (II) With Lewisohn's *German Style*. Elective & prerequisite as under 7.

9-10. *History of German Literature.* With German lectures & essays. Selective readings from 16th century & Middle High German literature. Etymology & history of the language, including phonology. Open for the year to all Seniors who have completed 3 & 4.

ROMANCE LANGUAGES

FRENCH

Each course in French is a prerequisite to the course immediately succeeding.

1-2. *Elementary French.* (I) Grammar, careful drill in pronunciation, easy reading, composition, dictation. The oral method is used extensively & as early as possible.

Books used: Snow's *Fundamentals of French Grammar*, Holt; Bruce's *Grammaire Française*, Heath; *Le Française et sa Patrie*, Sanborn.

Courses 1 & 2 are required of Latin-Scientific Freshmen who enter without French; elective for other students.

3. *Intermediate French.* (I) Reading of modern prose fiction, short stories, etc. Advanced composition. Continued practice in dictation & conversation, based on the texts read.

4. *Modern French Comedy.* (II) Rapid reading of selected plays; writing of abstracts, & conversation based on texts read. Special attention given to pronunciation & to reading without translating.

Courses 3 & 4 are required of all Sophomores who have taken 1 & 2 as Freshmen; & of all Latin-Scientific Freshmen who present French for entrance.

5. *French Tragedy.* (I) Corneille to Rostand. Reading in class of selected plays of Corneille, Racine, Hugo, & Rostand. Many others are assigned for outside reading. Résumés & critiques in French of assigned outside reading; lectures on history of tragedy in French.

6. *French Comedy.* (II) Moliere to Dumas fils. Readings in class of selected plays of Moliere,

Marivaux, Beaumarchais, Musset, Augier, & Dumas fils. Resumés & critiques in French of assigned outside readings; lectures on history of comedy in French.

7. *Modern Prose Literature.* (I) Descartes to Renan. Reading & *explications* in French of selected texts from the chief modern prose authors. Study of the development of French prose, with Lanson's *Histoire de la littérature française* as foundation. Outside readings, résumés, critiques, & lectures.

8. *Introduction to Romance Philology & Old French Literature.* (II) Historical Grammar of Old & Modern French, with reading of selected extracts from old texts; study of the chief cycles of Old French narrative poetry, *chansons de geste*, *romans bretons*, *fabliaux*; outside reading, reports, & résumés.

SPANISH

1. *Elementary Course for Juniors.* (I) Pronunciation, inflection, the laws of syntax & their application. Translation of simple prose; writing from dictation; oral & written exercises in composition.

2. *Advanced Grammar & Modern Prose.* (II) Continued practice in composition, dictation, & oral drill. Translation & sight reading, with constant reference to morphology & idiom in connection with the text. Representative works of such authors as Alarcón, Galdós, Valera, Valdés.

3-4. Outlines of these Senior courses announced later. Prerequisite: 2.

ITALIAN

1. *Introduction to Modern Italian.* (I) Grammar, composition, rapid reading. The object of this course is the acquisition of a reading knowledge of modern Italian. Manzoni's *I promessi sposi* & selected short stories are used as texts. Prerequisites: French 4, Latin 4. Open to Juniors & Seniors.

2. *Introduction to the Study of Dante.* (II) Reading of the *Vita Nuova* & of selected canti of the *Divina Commedia*, with much outside reading, to include a study of Dante & his times, especially his relation to earlier poetry, Provençal & Italian, & to the religious and political thought of the Middle Ages.

HEBREW

1. *Elementary Grammar & Reading.* (I) Exercises in translation from English into Hebrew. Selections from Genesis. Harper's *Hebrew Method & Manual*, & *Elements of Hebrew*. Open to Seniors.

ENG. LITERATURE, & LANGUAGE

1-2. *General Introduction.* (I & II). Designed to acquaint the student with the main facts of English literary history & to develop his appreciation of the great poets of the various periods, particularly of the 19th century. The work of the first term is a rapid survey of English literature from its beginnings to the 19th century, accompanied by class-room study of Beowulf (in translation), Spenser, Milton, Dryden & Pope. The second term is devoted to the literature of the 19th century, with special study of the chief British poets of the Romantic & Victorian eras. Lectures, recitations, & periodic essays. Open to all who have completed the freshman year & prerequisite to all further work in English literature.

3-4. *English Prose Literature.* (I & II) The 18th & 19th centuries, with special reference to the essay & the novel. In the first term, the 18th century is the field of study. The development of modern prose style, the rise of the periodical essay, & the beginnings of the modern English novel, with class-room study of selected masterpieces, supplemented by a wide course of outside reading. The second term covers the study of as many of the 19th century essayists as time will allow—Lamb, Hazlitt, DeQuincey, Macaulay, Arnold, Newman, Ruskin, Pater—with outside reading in the novelists of the century. Lectures, recitations, & occasional essays. Prerequisite: 1-2.

5-6. *Anglo-Saxon & Middle English.* (I & II) An introduction to the language and literature of England during the early & middle periods. Bright's *Anglo-Saxon Reader* is the basis of study, accompanied by lectures on the history, structure, & vocabulary of the English language. The second term is devoted to Chaucer, his century, & his contemporaries. *The Canterbury Tales* are read, parts of the *Troilus*

& *Criseyde* & the minor poems, & selected texts illustrating the various Middle English dialects & literary types. Recitations, lectures, & term papers. Open to Juniors & Seniors who have studied German.

7-8. *Shakspere & Elizabethan Drama*. (I & II) The dramatic literature of the Elizabethan Age with Shakspere as the centre of study. All of Shakspere is read, with critical study of certain representative plays tracing the different stages in the development of his art. Lectures are given on the art of the dramatist, the history of the English drama from the beginnings to 1642, & Elizabethan theatrical conditions, supplemented by collateral reading in the minor Elizabethan playwrights. Each student is required during the year to submit a thesis of some length & to make a report on library topical work. Open to Seniors who have completed with credit at least one year-course in this department.

PHILOSOPHY

1. *Psychology*. (I) General introduction. The elements of descriptive, physiological, & genetic psychology approached thro text-book, lectures, & reports on assigned readings.

2. *Logic*. (II) Deductive & inductive logic with the rules of evidence as formulated by such writers as Greenleaf or Stephen.

1 & 2 form a year-course for Sophomores.

3. *Plato to Kant*. (I) The problems of philosophy from Plato to Kant thro lectures, papers, & readings from sources.

4. *Kant to Spencer*. (II) Continuing the study of philosophy thro the Modern Schools, emphasizing the metaphysics & aesthetics of the period, & relating philosophy to current belief.

5. *Current Problems in Philosophy*. (I) Studies are offered in pragmatism, idealism, realism; in social, abnormal, & experimental psychology; & in advanced logical theory. Prerequisites: 3-4.

6. *Philosophical Classics*. (II) The reading of philosophical classics, as Kant's *Critique of Pure Reason*, Locke's *Essay on Human Understanding*, Schopenhauer's *The World as Will & Idea*; or American philosophical writers.

7-8. *Pedagogy*. (I) & (II) The history of education & the science, principles, & theory of education. Open to Seniors. Prerequisites: 1-2.

The practical problems of education are studied in this course, including methods, teaching, & the reading of educational classics.

TEACHERS' CERTIFICATES

¶ Under the rules of the Education Department of the State of New York, a "Professional Certificate", valid for three years, is granted to a graduate of an approved College. At the end of three years successful experience in teaching, a College Graduate Certificate will be issued, valid for life. This will exempt from further examination, save in the case of certain cities making an exceptional demand.

The course of Hamilton College in Pedagogy, approved by the State Department, must have been completed to have the certification of this department.

EUROPEAN HISTORY

At present a year course, 1-2, is offered to Sophomores in the Mediæval & Modern History of Europe. A later enlargement of this instruction (3-4) thro Junior year is intended.

AMERICAN HISTORY

5. *American Colonial History*. (I) to Juniors. To 1789. The European background of colonial enterprise. The causes & character of colonial activity. A study of the colonizing systems of Spain, France, & England. The growth & predominance of English institutions in America. Trade & industry as causes of independence. Recommended preparation: 1 & 2.

6. *American National History*. (II) Political history of the United States from 1789, & briefly of Spanish America. Development of trade & industry. Influence of free land & of immigration. Evolution of democracy. Slavery & Reconstruction. The New Era. The Empire of the United States. Prerequisite: 5.

7. *American Constitutional Government*. (I) The frame of government, national, state, & local. Parties & their actual working. The influence of social, educational, & business organi-

ization upon government. Comparison of the American with typical European systems.

8. *International Relations of the United States.* (II) America as a world power. Laws governing the relations of states. Relations of the United States, past & present, to Spanish America, to European leagues, & to the Far East. The Hague Conferences & the World-State. The Monroe Doctrine past & present. Recommended preparation: 5, 6, & 7.

9. *Industrial History of the United States.* (I) A study of the industry & commerce of the United States. The influence of free land, inventions, & mineral deposits. Problems of industrial & commercial concentration. Prerequisites: 5 & 6.

10. *Seminar in (a) American Constitutional Law & (b) Politics.* Each meets 1½ hours weekly, second term. To obtain credit students must be members of both (a) & (b). Other conditions of eligibility are given under the heading, Politics, Department of Economics. History 7 & 10 form a year-course. Prerequisites: History 7 & Economics 2, 3.

ECONOMICS, SOCIOLOGY, LAW, & POLITICS

1. *Sociology.* (I) An introductory & interpretive course, especially related to history, economics, politics, & law.

2. *Economics.* (II) An introductory course in economic theory, with special studies of important economic questions.

Courses 1 & 2 form a year-course open to all Juniors.

3. *Advanced Economics.* (I) Particular attention to the growth & development of industry & commerce in the United States; & tariff, finance, labor, & monopoly problems are treated in detail. Prerequisite: 2.

4. *Public Finance.* (II) Emphasis upon expenditure, taxation, the public debt, & the budget. The point of view is American, but American practice is constantly compared with that of other leading nations. Prerequisite: 3.

5-6. *Law.* (I & II) The elements of law & applied principles of economics & law con-

stitute together a year's work for Seniors. The sources, nature, & development of law, particularly in the English & American environments. The topics covered in the first term include, among others, the characteristics of the common law, & of equity, procedure in common law & in equity, the police power, the rights of person & property rights, contracts, agency, partnerships. Selections from the commentaries of Blackstone furnish the basis for collateral reading. The work of the second term covers the fundamental principles of the law of corporations, with the particular study of American railway law as a pertinent example of the development of legal control thro discussion & public opinion.

7. *Politics.* (II) In union with the work in American Constitutional Law there is a joint seminar in politics and government made up of a group of not more than 10 or 12 men, selected in view of their standing & quality in the subjects of the here allied departments. The purpose of this seminar is the particular discussion of important modern political & governmental problems, & the preparation for original research. Further information relating to the hours & to the credit for this work is given under History 10.

MATHEMATICS

1. *Algebra.* (I) Graphical representation, complex numbers, theory of equations, determinants, partial fractions, continued fractions, inequalities, permutations & combinations, probability. Hawkes' *Advanced Algebra*.

2. *Trigonometry.* (II) Theory and use of logarithms, definitions & relations of the trigonometric functions of acute angles & of angles in general, the solution of right & oblique triangles. Murray's *Elements of Plane Trigonometry*. Courses 1 & 2 are required of all Freshmen except those who enter with four units of mathematics. These take 3 & 4.

3. *Analytic Geometry.* (I) An elementary course in plane analytic geometry. Cartesian & polar co-ordinates, simple curve-tracing, study of the straight line & conic sections. Prerequisite: 2.

4. *Differential Calculus.* (II) Differentiation of algebraic & transcendental functions.

Simple applications to algebra, geometry, & mechanics. Prerequisite: 3.

5. *Calculus*. (I) Technique of integration. The definite integral, & applications to geometry & mechanics. Further study of differential calculus, including change of variable, partial differentiation, expansion of functions. Prerequisite: 4.

6. *Analytic Geometry*. (II) Analytic geometry of three dimensions, including a brief discussion of the quadric surfaces. Applications of calculus to analytic geometry of two & three dimensions. Prerequisite: 5.

7. *Projective Geometry*. (I) Elementary synthetic geometry, involving ranges of the first & second order, & constructions. Prerequisite: 3.

8. *Differential Equations*. (II) The solution of the simpler types of differential equations, with applications to physics. Prerequisite: 5.

60th TOMPKINS PRIZE EXAMINATION

Saturday, June 6th, 1914

The competition will be held in Root Hall from 9 to 1, asking for the solution of eight problems, based upon the mathematics of Sophomore & Junior years.

The twenty-third award of the 'Edward Huntington' Prize Scholarship will be made in June, 1914, for the class of 1915, upon the basis of mathematical standing for the required portion of the course, of the Tompkins Prize Examination, & of the elective work so far in higher mathematics.

BIOLOGY

1-2. *General Biology*. (I & II) After the observation of living organisms representing the great groups of plants & animals, together with the study of their structure, attention is focused on animal biology. In second term the study of plant biology. In the laboratory & lectures emphasis is placed on the function & form of organs as dependent upon each other, & on the laws of living organisms. Biology 1 & 2 are prerequisite for all later courses in botany & zoology. Laboratory fee, \$15. 1 & 2 are reckoned as three-hour courses, but call for four hours of attendance; that is, two hours in the lecture-

room and four hours in the laboratory each week.

3. *Zoology*. (I) Study of examples of the invertebrate animal is followed by the study of the anatomy of the cat, as a representative vertebrate. A valuable preparation for the study of comparative anatomy, psychology, or medicine. Prerequisite: 1-2.

4. *Embryology of Vertebrates*. (II) The development of the frog & the chick supplemented by the study of an elasmobranch & a mammal, gives opportunity to trace the growth of the organs of the body, & also is an introduction to microscopical technique. Laboratory fee for 3 & 4, \$15. Prerequisite: 5.

5. *Elementary Bacteriology*. (I) Familiarity with the methods of bacteriology is sought by the study of non-pathogenic bacteria, & also by an introduction to the technique of water & milk examination. Prerequisite: 4.

6. *Histology & Physiology*. (II) A knowledge of the minute structure of the organs of vertebrates as a basis for the study of physiology. The phenomena of motion, secretion, & excretion, are considered. Laboratory fee for 5 & 6, \$15. Prerequisite: 5.

CHEMISTRY

All courses in chemistry tho reckoned as three-hour courses, call for four hours of attendance; that is, two hours in the lecture-room, & four hours in the laboratory each week. Allowance of absence as in a four-hour subject. The fees are \$10 per term for lectures & laboratory.

1-2. *Elementary College Chemistry*. (I-II) Lectures, recitations, & laboratory work. A thorough discussion of the fundamental laws & theories of chemistry, together with study of the gaseous elements & a few of the metals. In the lecture room special emphasis is laid on chemical calculations, & in the laboratory a considerable number of quantitative experiments is made, to illustrate the laws of combining proportions, etc. In the second term, a study of the elements not taken up in 1. Chemical calculations. The periodic system of the elements.

3. *Qualitative Analysis*. (I) Theory of solution. Application of the ionization theory to analytical procedure. Prerequisite: 2.

4. *Quantitative Analysis.* (I) Study of selected typical gravimetric & volumetric methods. Prerequisite: 3.

5. *Organic Chemistry.* (I) Lectures & laboratory. Aliphatic compounds. Prerequisite: 2.

6. *Organic Chemistry.* (II) Lectures & laboratory. Aromatic compounds. A part of the course is given to the chemistry of nutrition, agricultural chemistry, or other selected special topics. Prerequisite: 5.

Courses 5 & 6 alternate with 3 & 4 in successive years. In 1913-14, 3-4 will be given.

PHYSICS

1. *Mechanics & Heat.* (I) Lectures and recitations. Open to Juniors & Seniors, as also 2 & 3.

2. *Sound & Light.* (II) Lectures & recitations.

3. *Electricity & Magnetism.* (I) Lectures & recitations.

4. *Electricity & Magnetism.* (II) Lectures & recitations. Open to students who have completed 3.

The year-course 3-4 alternates with 1-2 & will be exchanged in 1913-14.

5. *Descriptive Astronomy.* (I) Lectures & recitations. Open to Seniors.

6. *General Laboratory Practice.* (II) Quantitative work with written reports & discussions of the results of experiments. Open to Seniors who have completed 1-2, or 3-4.

GEOLOGY & MINERALOGY

1-2. *Physiographic & Dynamic Geology.* (I & II) Study of the relief features of the Earth & the forces now at work to modify the Earth's surface. For Juniors.

3-4. *Structural & Historical Geology.* (I & II) Study of the materials of the Earth's crust & their arrangement. The principal events in the physical history of the Earth. Evolution of land masses & organisms. Special lectures in economic geology. Special topics assigned for library work, & field-trips are made in the vicinity of the college & to the classic localities at Little Falls, Trenton Falls & Oriskany Falls, these taking the place of an equivalent amount of class-room

time. Required reports of observations. The College is unusually fortunate in its location for geologic field work. Prerequisites: 1-2.

5-6. *Mineralogy.* (I & II) The work of first term largely devoted to a consideration of general principles such as crystallography & the physical & chemical properties of minerals. In second term descriptive mineralogy & laboratory work. About one hundred common or commercially valuable minerals are studied in class, with practical determinative work in the laboratory. Laboratory fee, \$3 for the year. Open to Seniors. Prerequisite: Elementary Chemistry, 1 & 2.

SCIENTIFIC COLLECTIONS

¶ The Knox Hall of Natural History, reconstructed under the legacy of the Hon. James Knox, LL.D., '30, contains two spacious exhibiting-rooms, a lecture-room, & convenient storage-rooms.

A specialty is made of the minerals from this State, & a large case is filled with these, a few from the same horizon in Canada being added. Among these many unusual specimens are the finest known of their several kinds. This collection was set up as a special tribute to Dr. Root, Sr., & is named The Oren Root Collection of New York State Minerals.

The Geological & Mineralogical Cabinets & the collections in Natural History include:

2400 specimens of Fossils & Rocks to illustrate the Geology of New York. 1750 specimens to illustrate the Geology of the United States. 600 Fossils, mainly from the Silurian formations of Europe. The recent gift by John D. Conley '69 of several thousand valuable specimens in paleontology. 10,000 specimens of Ores & Minerals. 2000 specimens of Land, Fresh-Water and Marine Shells. 300 specimens in Ornithology, from China.

The Barlow Collection, including 13,000 specimens in Entomology.

The Henry Loomis, ('66,) collection of rare Japanese shells & insects.

The Herbarium gathered by the late Dr. H. P. Sartwell, of Penn Yan, & well-known as a large & useful exhibition of the North American Flora.

The large & valuable collection of butterflies, appropriately mounted, & well cased, was recently presented by Benjamin W. Arnold, Esq., '86, of Albany.

All these specimens accurately classified.

MEMORIAL HALL

¶ The Memorial Hall & Art Gallery occupies the second-story front room of Library Hall, & is under the especial charge of Messrs. Elihu Root, Henry Harper Benedict, & Hamilton B. Tompkins. The new Library will contain an ample similar room.

Gifts are invited of objects of memorial interest, such as historical portraits; engravings, coins, & commemorative medals; local, aboriginal & colonial relics; & also autograph letters & other mementos of distinguished Alumni, officers & benefactors of the College, & of illustrious citizens of the State of New York.

THE OBSERVATORY

¶ The Astronomical Directorship was endowed in 1866 by the late Edwin C. Litchfield, LL. D., '32.

By the late Dr. C. H. F. Peters, Director, forty-eight asteroids were discovered at the Litchfield Observatory, beginning with Feronia (No. 72), discovered May 29, 1861, & ending with Neptys (No. 297), discovered August 25, 1889. Other original & invaluable work was done under this directorate.

The instruction in Astronomy is at present given by the Professor of Physics, who is also Curator of the Observatory. So far as possible the students are introduced to the famous 'equatorial', but the Observatory is obsolete. It is hoped that an amply large endowment may prepare & equip a modern observatory & provide for its activity. The one-time fame of the College in Astronomy would then be restored. A plea is hereby made to some noble donor to revive & greatly to augment this department & to place it among the best laboratories of stellar science.

THE LIBRARY

¶ Library Hall is open every College week-day from nine to one, from two to six, on five evenings from seven to nine-thirty, & in vacations daily from eleven to twelve. Students have access to the alcoves. Tables are placed conveniently, & the librarian is ready to assist investigation. Students & responsible residents of the Town of Kirkland may draw books for two weeks, & may then renew them for one like period if not applied for by another; but all books must be returned to the library two days before the end of each term. Periodicals, & books reserved by request of instructors may be drawn only at the close of library hours, & must be returned at the next opening of the library. On the written request of an instructor, & with the consent of the librarian, a student engaged in special work may draw specified books for a longer period than two weeks. All books whatsoever must be returned upon call. Persons living beyond

the Town of Kirkland may draw books by making application thro a public library where they are known & paying express charges both ways. Fines are imposed for all neglects to meet these rules, to be collected by the Bursar.

The Library contains many special collections, among which the most recent is an alcove in Greek Literature, begun by Theodore L. Cross, '81, as a testimonial to Edward North, to which this year 136 volumes have been added.

The Thomas R. Proctor fund has this year yielded 65 volumes.

Robert M. Pomeroy, Esq., of Buffalo has recently handsomely founded an alcove in Latin Literature as a memorial of his honored & beloved father, the late Theodore M. Pomeroy, '42, LL.D. Friends who will found & name sections or departments are earnestly invited to confer with the President. Gifts of worthy books are always welcome.

There were added to the library during the year ending June 1st, 1913, from all sources, 5212 volumes & 830 pamphlets. The total of June 1st, 1913, was 58,914 volumes & 21,470 pamphlets.

GIFTS & ADDITIONS TO THE LIBRARY, 1912-13

This speaks of *volumes* only.

Herman C. G. Brandt,	6	Pomeroy Memorial Fund,	17
Carnegie Institution,	13	Psi Chapter of Psi Upsilon,	133
Class of 1890 Fund,	19	Dr. F. W. Putnam,	3
College Appropriation,	721	Elihu Root,	66
College Binding,	234	Walstein Root Memorial,	319
Prof. Ferguson,	3	William P. Shepard,	21
Edward Fitch,	3	M. W. Stryker,	110
Joseph D. Ibbotson, jr.,	113	Talcott Fund,	19
Kendall Fund,	105	U. S. Government,	40
New York State,	152	U. S. Gov. thro Senator Root,	2583
New York State Grant,	67	Vedder Fund,	137
Theodore L. Cross, North Mem'l	136	Donors of one, or of two, vols.,	65
Thomas R. Proctor Fund,	65		

WRITING & ORATORY

GENERAL & SPECIAL REGULATIONS

¶ Any student in actual attendance, not debarred by delinquency, may write upon any subject assigned to his class.

All papers are to be typewritten, upon letter-sheet pages not larger than 8×11 inches, with broad margins for binding, neatly fastened, not rolled, accurately folioed with folio numbers indicated in

the margins, & with a subjoined fictitious name (not in writing), this also placed upon a sealed note containing the writer's name. Papers not conforming to these requirements will be returned to their authors without credit. The designated custodian, who in the absence of other notification is the President, cannot accept papers belated, whatsoever the cause. Prize orations are not to be published be-

fore they are spoken. Successful papers will be the property of the College Library.

Orations & Essays will be estimated upon absolute, as well as upon relative, merit. Lack of competition will not bar an award, nor will competition, however abundant, secure an award if no competing paper clearly has prize merit.

Prizes awarded will be conferred only upon those actually present to receive them upon Commencement Day, unless absence has prior excuse for stringent reasons presented in writing to the Faculty before the final Tuesday.

KELLOGG PRIZE ESSAYS & COBB ESSAY

¶ These may contain no more than thirty-five folios & no student may receive two Essay Prizes in one year. Essays are to be left with the President, before noon of the first day following the Easter Recess.

The essays will be considered by committees appointed by the Faculty, & the prize Essay upon each of two themes assigned to each class will be announced upon the second Wednesday of June. To the writers of these, book prizes will be given on Commencement Day. Honorable mention may be made of the second best Essay under each subject.

THE SOPER THESIS

¶ In length the Thesis is not limited. The subject for the second succeeding year is announced toward the end of Sophomore year.

The Thesis is to be left with the President before noon of the second Thursday in the October of Senior year, & its consideration will be referred to a committee chosen by the Faculty from outside their own number. The report will be made public early in the second term, & the award (upon condition of graduation) conferred on Commencement Day.

HEAD, PRUYN, & KIRKLAND ORATIONS

¶ Each oration may contain no more than twelve folios.

These 'Winter Orations' must be left with the President before noon of the first Friday of January, & the best Oration under each title being selected by the Faculty, the announcement will be made early in second term. No Senior will be awarded more than one of these three prizes. Each of these Orations carries a Commencement appointment.

CLARK PRIZE ORATIONS

¶ The Oration may contain no more than fifteen folios, & must be left with the President before noon of the first day following the Easter Recess.

The best six Orations, if so many have sufficient merit, being selected by the Faculty, the successful competitors will be named at Morning Prayers two weeks after the submission of the orations.

The orations are delivered under the direction of the Professor of Rhetoric & Oratory, on the last Wednesday evening of May. The Prize is awarded by the Faculty at the close of the Exhibition.

The men eligible to write for this competition in a given class shall be all who have had appointment as prize speakers, together with that additional one-fifth of the class who shall have the next best standing in Elocution, as based upon the record of noon-chapel work subsequent to the beginning of Junior year. The full list of those thus eligible shall be posted by the second Friday of each December.

MCKINNEY PRIZE DEBATE

¶ The Debate is held, under the direction of the Professor of Rhetoric & Oratory, upon Friday afternoon of Commencement week.

From the members of the Senior Class who have excelled during the entire course in extemporaneous argument, not to exceed six debaters are appointed by the Faculty. This appointment is announced in third term, when the proposition of the Debate is given, & the affirmative or negative station of each contentent is determined by lot. The order of appearance is decided by lot publicly drawn at the time of the Debate. Each disputant may

speak upon the first call, eight minutes, & upon the second call, seven minutes. No notes or books may be carried into the Debate, nor any memorandum used in speaking.

The award is made by a committee of five, not members of the Faculty, & is announced at the close of the Debate.

MCKINNEY PRIZE DECLAMATION

¶ From each of the three lower classes, & upon the basis of work done in the weekly College exercise, an annual appointment is made of four prize contestants in Declamation.

WRITING SUBJECTS, 1913-14

Fifty-ninth Clark Prize Competition.

1. The "Concert of the Powers".
2. The Monroe Doctrine in the 20th Century.
3. Sir Thomas More.
4. The Problem of the Ex-Convict.
5. The Growing Commercial Value of Personal Integrity.
6. Saint Francis of Assisi.
7. The World's New Way thro Panama.
8. The Influence of Education on Democracy.

Fifty-second Pruyn Medal Oration.

Factors in the Decay of Nations.

Fifty-first Head Prize Oration.

Alexander Hamilton as a Master of Detail.

Forty-second Kirkland Prize Oration.

The Genius of the Hebrew Mind as Shown in the Old Testament.

Twenty-third Soper Prize Thesis.

The Protective Features of the Underwood Tariff Bill. (Class of '15.)

Junior Essays, ('15).

1. The Passing of the Patron and its Effect on English Literature.
2. Panics and Politics in America.

Sophomore Essays, ('16).

1. The War Correspondent.
2. John Bunyan's English.

Freshman Essays, ('17).

1. The Coast Guard.
2. David Livingstone.

THE MASTERS' ORATION

¶ Renewing an elder use, since 1895 & as a part of the Commencement Day program, an Oration has been given by a representative of the candidates for the Master's degree in course. The annual appointment to this honor is made by the Faculty & upon the basis of representative fitness. The Oration in 1913 was given by John Cook Baldwin, B. S., '10.

SCHOLARSHIP HONORS, 1913

High Honor Men; Standing 9.2 or above.

Allen Morton Groves, Valedictorian.
Abel Edward Blackmar, jr., Salutatorian.

Honor Men; Standing 8.6 to 9.2.

John Howard Hahn.
Westley Morris Ingersoll.
George Harry Lyon.
Harold Horton Smith.
Donald Edward Stone.
Lynn Lemuel Stratton.
Caldwell Thompson.

DEPARTMENT HONORS, 1913

CHEMISTRY: Mr. Smith.

ETHICS & BIBLE: Messrs. Hahn, Lyon, C. Thompson.

GERMAN: Mr. Stone.

GREEK: Messrs. Groves, Hahn, Stratton.

LATIN: Messrs. Groves, Stratton, C. Thompson.

ECONOMICS, LAW & POLITICS: Messrs. Davis, Smith.

MATHEMATICS: Mr. Blackmar.

MINERALOGY & GEOLOGY: Messrs. Davis, Hull.

AMERICAN HISTORY: Mr. Groves.

FRENCH: Messrs. Blackmar, Stone, Stratton.

PHILOSOPHY: Messrs. Hughes, Hull, Wheelock.

RHETORIC & ORATORY: Mr. Lyon.

PRIZE AWARDS IN 1913

Unless otherwise stated, Awards were made either by the entire Faculty, or by a committee of their number.

ROOT FELLOWSHIP

Joseph Poyer Deyo Hull, Walden.

LOCKE FELLOWSHIP

Allen Morton Groves, Pasadena, Calif.

58th CLARK PRIZE IN ORIGINAL ORATORY

George Harry Lyon, Binghamton.

The other appointees to the Exhibition for 1913 were: Messrs. Batchelor, Groves, Meyer, Peck, Wassung.

51st PRUYN MEDAL ORATION

Manipulation in Politics.

No award.

50th HEAD PRIZE ORATION

The Decline of the Federalist Party.

No award.

41st KIRKLAND PRIZE ORATION

The Hebrew Psalms.

Allen Morton Groves, Pasadena, Calif.

45th MCKINNEY DEBATE

The Panama Canal Should be Open on Equal Terms to the Vessels of Commerce of All Nations.

1st, Walter Edwin Peck, Ashtabula, O.
2d, George Harry Lyon, Binghamton.

The other contestants in 1913 were: Messrs. Batchelor, Groves, Simonds, Stone.

Committee of Award:

Clement G. Martin, '83, Xenia, O.

Frank B. Gilbert, '89, Albany.

Prof. H. A. Hamilton, Elmira.

Robert H. Thompson, '05, Newport, R. I.

R. Hawley Truax, '09, New York.

UNDERWOOD PRIZE IN CHEMISTRY

Harold Horton Smith, Norwich.

SOUTHWORTH PRIZE IN PHYSICS

No award.

21st SOPER THESIS PRIZE

The Advantages of a Protective Tariff to the Industries of Central New York.

No competition.

DARLING PRIZE IN AMERICAN HISTORY

Allen Morton Groves, Pasadena, Calif.

WARFIELD-BRANDT GERMAN PRIZE

Donald Edward Stone, Mexico.

TOMPKINS MATHEMATICAL PRIZES

1st, George Warren Walker, Troy.

2d, Arthur Stone Pohl, Vernon.

Medal: Kenyon Putnam Flagg, Albion.

MAYNARD ENTRANCE PRIZE

No final award.

BROCKWAY ENTRANCE PRIZE

Louis Heyl Nichols, Buffalo.

CURRAN MEDALS IN GREEK & LATIN

Gold: Arthur Stone Pohl, Vernon.

Silver: Charles Henry Dayton, Auburn.

HALEY CLASSICAL MEDALS

Leet Wilson Bissell, Pittsburgh, Pa.

George Warren Walker, Troy.

FREDERICK W. GRIFFITH GREEK SCHOLAR

Arthur Stone Pohl, Vernon.

EDWARD HUNTINGTON MATHEMATICAL SCHOLAR

George Warren Walker, Troy.

SOPER LATIN SCHOLAR

Charles Henry Dayton, Auburn.

DUELL GERMAN SCHOLAR

Willard Burdick Eddy, Albion.

KELLOGG ENGLISH PRIZE ESSAYS

Juniors, Class of 1914.

Norse Mythology.

Prize: Willard Burdick Eddy.
Mention: Arthur Stone Pohl.

The Fool in English Literature.

Prize: Carl Lamson Carmer.

Sophomores, Class of 1915.

The London Times and its Influence.

Prize: David Avery Woodcock.
Mention: Dudley Baldwin Kimball.

John Burroughs and his Work.

Prize: Erwin Ramsdell Goodenough.
Mention: Frederick Paddock Lee.

Freshmen, Class of 1916.

The Red Cross Society.

Prize: Francis Paton Kimball.
Mention: Owen Griffith Groves.

College Settlements.

No award.

Committee of Award:

Edwin Fairley, Amherst, Mass.
Benjamin H. Thorp, '95, Flushing.
Ezra Lehman, Ph.D., Philadelphia, Pa.

McKINNEY DECLAMATION PRIZES

Class of 1914.

1st, Francis Leo Regin, Clinton.
2nd, Leet Wilson Bissell, Pittsburgh, Pa.

Class of 1915.

1st, Felix LaForce, Kansas City, Mo.
2nd, Walter Rushworth Harper, Clinton.

Class of 1916.

1st, Malcolm Shaw McLean, Denver, Colo.
2nd, Wm. Nelson Robson, Worcester, Mass.

Committee of Award:

Frederick W. Griffith, '86, Palmyra.
Henry R. Barrows, '06, Orono, Me.
Alexander M. Drummond, '06, Ithaca.

DEGREES CONFERRED, JUNE 23, 1913

A. B., IN COURSE

Clarence Lindsley Barber, jr.,
Abel Edward Blackmar, jr.,
Sidney Augustus Davis,
Raymond Durston Fear,
Edward Brewster Gould,Allen Morton Groves,
John Howard Hahn,
George Harry Lyon,
Thomas Christopher Mahady,
Erskine Reed Myer,Roy Avery Porter,
Lynn Lemuel Stratton,
Charles Beattie Thompson,
Charles Denslow Wheelock.

PH. B., IN COURSE

Dan Craig Batchelor,
Richard Daniel Casey,
Hamilton Coit Griswold,
Daniel James Ambrose Hughes,
Joseph Poyer Deyo Hull,
Westley Morris Ingersoll,William McCleery Kultchar,
Walter Edwin Peck,
Ernest House Roberts,
Ray Levi Shaul,
Edwin Hughes Simonds,
Donald Edward Stone,Caldwell Thompson,
Webster Prentiss True,
Frank Rockwood Wassung,
Carl Bernard Wenigmann.

B. S., IN COURSE

George Arthur Clark,
Harold Ingraham Cross,
John Wilson Forrest,Dexter North,
Harold Horton Smith,
Joseph George Taylor, jr.

Secretary,
Clements W. Blodgett, '09, 721 Lodi St., Syracuse

NEW ENGLAND
President,

Rev. Wm. C. Winslow, L.H.D., 525 Beacon
Str., Boston, Mass.

Secretary,

Frederick G. Perine, '87, 8 Ware St., Dor-
chester, Mass.

WESTERN, OF CHICAGO

President,

Franklin A. Spencer, '82, Des Moines, Ia.

Secretary,

Schuyler C. Brandt, '89, Oak Park, Ill.

BINGHAMTON

President,

Prin. Frank M. Smith, '84, Lestershire.

Secretary,

C. Mossman McLean, '09, Binghamton.

WASHINGTON, D. C.

President,

Rev. Chas. W. Skinner, '81, 2525 Wis. Ave.

Secretary,

Ralph W. Stone, '99, Geolog. Survey.

BROOKLYN

President,

Hon. Warren I. Lee, '99, 20 Broad St., N. Y.

Secretary,

Orlando E. Ferry, '95, 1609 Nottingham Rd.

CENTRAL NEW YORK

President,

Hon. Frederick M. Calder, '82, Utica.

Secretary,

Seward Miller, Esq., '99, Utica.

WESTERN NEW YORK.

Secretary,

John VanAllen, '02, 684 Ellicott Sq., Buffalo.

ONONDAGA

President,

Hon. A. J. Northrup, LL.D., '58, Syracuse.

Secretary,

Dr. B. W. Sherwood, '82, 1441 S. Salina, Syracuse

PACIFIC COAST

Secretary,

Melvin G. Dodge, '90, Sacramento, Calif.

ROCHESTER

President,

Dr. E. W. Ruggles, '85, 348 University Ave.

Secretary,

James M. Lown, Esq., '04, Ger. Ins. Bldg.

EASTERN NEW YORK

President,

Prin. E. R. Whitney, '89, Schenectady, N. Y.

Secretary,

Frank M. Wright, '05, Upper Hudson Ave.,
Albany.

ANNUAL ALUMNI DAY

¶ The General Society will hold its next annual meeting in the College Chapel at 10,30 a. m., June 20th, 1914. The afternoon will be devoted to general & class reunions. In 1914 the classes of '64, '74, '84, '89, '94, '99, '04, '9, '11, & '13, will gather to their respective anniversaries. The President's reception will be from four to six in the afternoon.

GRADUATE TRUSTEE

¶ The election of a Trustee by the Graduates is held in the College Chapel Saturday of Commencement Week, during the Alumni meeting. The officers of the Society of Alumni preside & record. Three inspectors of election are appointed by the Trustees of the College.

Each graduate of at least three years' standing is entitled to vote. Only graduates of the College of at least ten years' standing are eligible to this election. Graduates may forward their ballots to any officer of the Society of Alumni residing in Clinton, who shall endorse the same before depositing.

TRUSTEES ELECTED BY GRADUATES

Samuel D. Miller, A.B., Esq., '90, Indianapolis, Ind., term until June, 1914.

George E. Dunham, A.M., Esq., '79, Utica, term until June, 1915.

Arthur S. Hoyt, D.D., Auburn, term until June, 1916.

Samuel F. Engs, A.B., '83, Richmond Hill, term until June, 1917.

SUMMARY OF ALUMNI CORRECTED FROM "GENERAL ROLL" OF 1908

Whole number of Graduates (exclusive of LL.B.),	2928
Of these graduates there are now living,	1623
Graduates of the Maynard Law School (1855-87),	239
Of these having taken A.B. at Hamilton,	64
Sometime undergraduates not graduating,	1163
Of these estimated to be living,	360
Honorary degrees to others than Hamilton graduates,	472
Total Alumni related to the College as above,	4802
Senior Graduate Living, Hon. Augustus Loring Rhodes, '41, LL.D.	

"IT IS MY EARNEST WISH THAT THE INSTITUTION MAY GROW AND FLOURISH; THAT ITS ADVANTAGES MAY BE PERMANENT AND EXTENSIVE; AND THAT UNDER THE SMILES OF THE GOD OF WISDOM IT MAY PROVE AN EMINENT MEANS OF DIFFUSING USEFUL KNOWLEDGE, ENLARGING THE BOUNDS OF HUMAN HAPPINESS, AND AIDING THE REIGN OF VIRTUE AND THE KINGDOM OF THE BLESSED REDEEMER." SAMUEL KIRKLAND, 1794.

Sundays of Current Year, 1913-1914

October,	5, 12, 19, 26.	March,	1, 8, 15, 22, 29.
November,	2, 9, 16, 23, 30.	April,	5, 12, 19, 26.
December,	7, 14, 21, 28.	May,	3, 10, 17, 24, 31.
January,	4, 11, 18, 25.	June,	7, 14, 21, 28.
February,	1, 8, 15, 22.	Sept.	6, 13, 20, 27.

CLASS SECRETARIES

'41 Hon. Augustus Rhodes, LL.D., San Jose, Cf. '81 Andrew C. White, Ph.D., Ithaca
 '42 William V. Moss, Cincinnati, O. Cornell Library.
 '43 Henry H. Thompson, Esq., Passaic, N. J. '82 Dr. Bradford W. Sherwood, Syracuse
 '44 Leonard Lathrop, New York 1441 S. Salina Street.
 '45 Everett Case, York Road, Jenkinton, Pa. '83 William H. Wilcoxen, Des Moines, Iowa
 '46 Dr. George W. Smith, New York '84 Reuben L. Maynard, 141 B'way, N. Y.
 '47 Rev. Norman A. Millerd, Long Beach, Cal. '85 Prof. Irving F. Wood, Ph.D., Northampton, Mass.
 '48 Rev. Milton Waldo, D.D., Urbana, Ill. '86 Rev. J. Beveridge Lee, D.D., 1002 S. 45th St., Philadelphia, Pa.
 '49 Samuel N. Dada, 704 Univ. Pl., Syracuse '87 Robert A. Patteson, Tarrytown
 '50 Benj. B. Snow, (*pro tem.*) Rochester '88 Rev. Warren D. More, D.D., Santa Barbara, Calif.
 '51 Benj. R. Catlin, Washington, D. C. '89 Clarence U. Carruth, 2 Rector St., N. Y.
 '52 Rev. Wm. A. Bartlett, D.D., N. Y. Mills '90 Melvin G. Dodge, Sacramento, Calif.
 '53 Rev. Edward P. Powell, Sorrento, Fla. '91 Robert N. Brockway, (*pro tem.*) Grand Central Station, New York.
 '54 Rev. Dwight Scovel, Clinton '92 Prof. W. P. Shepard, Ph.D., College Hill
 '55 Hon. William Sanderson, Newton, Ia. '93 Rev. Alex. Wouters, Brooklyn
 '57 Trueman G. Avery, 202 Main St., Buffalo 193 Rutland Road.
 '58 Hon. A. J. Northrup, LL.D., Syracuse '94 David H. McMaster, Baldwinsville
 '59 Hon. C. A. Hawley, LL.D., Seneca Falls '95 Fred J. DeLaFleur, Utica
 '60 John S. Shepard, Vivian, La. '96 Prof. Charles A. Greene, Brooklyn
 '61 James S. Greves, 309 B'way, New York 525 Beacon St., Boston, Mass.
 '62 Rev. Wm. C. Winslow, L.H.D., '63 Rev. S. H. Adams, D.D., Clifton Springs '97 Prof. James A. Winans, Ithaca
 '64 Frank W. Plant, Joliet, Illinois '98 Stanley L. Butler, 16 Cottage Place, Utica
 '65 Hamilton B. Tompkins, 80 B'way N. Y. '99 Henry M. Andrews, 50 Church St., N.Y.
 '66 Wilmot E. Burton, Syracuse '00 Richard S. Cookinham, Twin Falls, Idaho
 '67 Rev. Isaac O. Best, Broadalbin '1 Prof. Daniel W. Redmond, Ph.D., N. Y.
 '68 Rev. F. A. Johnson, 42 W. 12 St. N. Y. 1743 Montgomery Ave., The Bronx.
 '69 Prof. Wm. L. Downing, Utica '2 Arthur H. Naylor, Ossining
 '70 William H. DeShon, Utica '3 Dr. Stuart B. Blakely, Binghamton
 '71 Charles L. Stone, 815 James St., Syracuse '4 Wm. A. Ferguson, 115 B'way, N. Y.
 '72 Edward G. Love, 80 E. 55th St., N. Y. '5 Edward C. MacIntyre, Johnstown
 '73 Rev. Wm. D. Love, Ph.D., Hartford, Ct. '6 Walter M. Brokaw, Riverside, Ill.
 '74 Leigh R. Hunt, Ph.D., Corning '7 Oscar W. Kuolt, Hudson Falls
 '75 Rev. Eben B. Cobb, D.D., Elizabeth, N. J. '8 Robert D. Fraser, 21 Faxton St., Utica
 '76 Rev. Archibald L. Love, D.D., Brooklyn '9 Francis D. Willoughby, Utica
 '77 John T. Perkins, Corn Ex. Bank, N. Y. '10 Harry E. Dounce, Herald, Syracuse
 '78 Rev. Geo. S. Webster, 310 E. 67, N.Y. '11 Stanley W. Jones,
 '79 Lotus N. Southworth, Martin Bldg., Utica '12 Harry C. Bates, 37 Wall St., New York
 '80 William M. Griffith, Herald Sq., N. Y. '13 Harold I. Cross, Johnstown

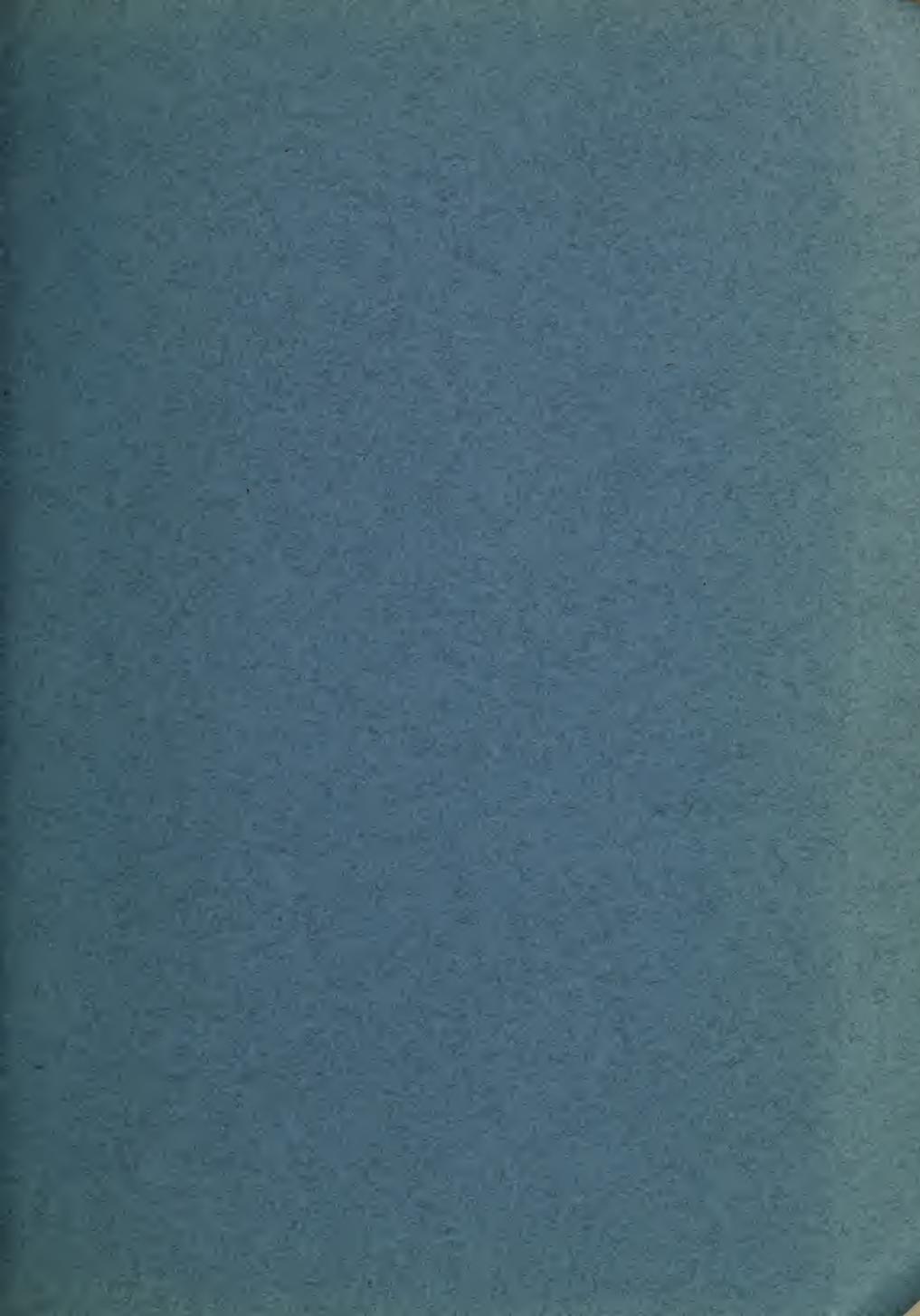
Obituary Record; Oct. 1st, 1912, to Oct. 20th, 1913

Class

1845	JOHN HORTON DANIELS,	May	23, 1825—Jan.	24, 1913
1847	CHARLES LEWIS WILLIAMS,	Oct.	20, 1828—Nov.	25, 1912
1851	CHARLES ADDISON BUTLER, JEROME DEWITT CARSKADDEN,	Aug.	21, 1829—Oct.	15, 1912
	WALTER VARICK COUCH,	Nov.	6, 1829—Nov.	1912
1852	WILLIAM JOHN KNOX, GILBERT WILCOXEN,	Feb.	18, 1829—Dec.	26, 1912
			—June	8, 1913
1856	JOHN MCKNIGHT BRAYTON,	Sept.	25, 1827—May	3, 1913
1859	HARLAN PAGE LLOYD,	Mar.	28, 1834—Dec.	30, 1911
1863	LINUS PARSONS BISSELL, CHARLES VAN VORDEN,	Mar.	26, 1838—Oct.	2, 1913
1864	WILLIAM HUTTON,	Aug.	30, 1842—Nov.	4, 1912
1866	JOSEPH YORK CHAPIN,	Oct.	10, 1843—May	12, 1913
1867	JAMES EARL HALL, THEODORE BENJAMIN WETLING,		—Sept.	4, 1913
1868	WILLIAM JOHN JONES,		—Feb.	1913
1869	GEORGE EDWARD DRAPER, ROSWELL MILLER,	May	6, 1844—June	23, 1913
1870	DELOS EDWIN FINKS,	Apr.	1, 1844—Dec.	31, 1911
1871	RANDALL PEASE,	Mar.	4, 1843—Feb.	22, 1913
1872	SEWARD MANDEVILLE DODGE, HENRY FRENCH, ARTHUR MERRILL WRIGHT,	Mar.	28, 1846—Jan.	24, 1913
1875	EDWIN MASON BROWN,	Oct.	28, 1843—Jan.	3, 1913
1877	SQUIRE LEONARD BROWN,	Nov.	5, 1842—Aug.	15, 1913
1878	JAMES SCHOOLCRAFT SHERMAN,	July	11, 1851—Jan.	2, 1913
1882	LOWELL CLINTON SMITH,	Apr.	13, 1846—July	4, 1913
1891	JAMES SHANNON WILKES,	Nov.	13, 1848—Apr.	12, 1913
1895	HERBERT ROSWELL BATES,	May	16, 1849—Nov.	28, 1912
1900	GEORGE ROBERT THOMPSON,	May	2, 1852—Oct.	7, 1912
1902	CHARLES ALFRED FREAR,		—Nov.	1912
1910	IRWIN ALFRED HALL,	Oct.	24, 1855—Oct.	30, 1912
1912	ROBERT SHEPPARD PATTESON,	Jan.	13, 1858—Dec.	28, 1912
		Oct.	20, 1868—June	9, 1913
		Apr.	20, 1870—July	16, 1913
			1876—June	28, 1913
		Jan.	23, 1876—June	8, 1913
		Dec.	1, 1888—Apr.	18, 1913
		July	14, 1891—Mar.	28, 1913

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HAMILTON COLLEGE

CATALOGUE

ONE HUNDRED AND THIRD YEAR

1914-1915

ANNOUNCEMENTS FOR 1915-1916

CLINTON, NEW YORK, FEBRUARY, 1915

HAMILTON COLLEGE

CATALOGUE

ONE HUNDRED AND THIRD YEAR

1914-1915

ANNOUNCEMENTS FOR 1915-1916



CLINTON, NEW YORK
PUBLISHED BY THE COLLEGE
FEBRUARY, 1915

R. B. W.

3WT
MAY 1914 VOL.
VII

COLLEGE CALENDAR

1914

First Term, 1914-1915

Sept. 17 Thursday, 8:30 a. m., Beginning of the Academic Year.
Christmas Recess, from December 22, Tuesday, 5:30 p. m., to January 1915
1915 6, Wednesday, 8 a. m.
Jan. 25-30 Monday to Saturday, Term Examinations.

Second Term

Feb. 4 Thursday, 8:30 a. m., Begining of Second Term.
Feb. 11 Thursday, Delinquent Examinations.
Feb. 21 Sunday, Day of Prayer for Colleges.
Feb. 22 *Monday, Washington's Birthday.*
Easter Recess, from April 1, Thursday, 5:30 p. m., to April 13, Tuesday, 8 a. m.
April 13 Tuesday, before noon, Clark Prize Orations due.
April 24 Saturday, 9 a. m., Meeting of the Trustees.
May 15 Saturday, from 10:30, *Inter-Academic Day.*
May 23 Sunday, Annual Y. M. C. A. Report.
May 29 Saturday, Southworth Prize Examination in Physics.
May 31 *Monday, Memorial Day.*
June 1 Tuesday, Annual Drawing for Rooms, 4:30 p. m.
June 2 Wednesday, 8 p. m., Clark Prize Exhibition.
June 3 Thursday, Underwood Prize Examination in Chemistry.
 Tower Prize Examination in Spanish.
June 4 Friday, Tower Prize Examination in French.
June 4-10 Friday to Thursday, Final Senior Examinations.
June 5 Saturday, Tompkins Prize Examination in Mathematics.
 Warfield Prize Examination in German.
June 10 Thursday, Curran and Hawley Prize Examinations in Greek and Latin.

June 10-16 Thursday to Wednesday, Term Examinations.
June 11 Friday, Announcement of Senior Honors.
June 15-17 Tuesday to Thursday, Entrance Examinations.
June 16 Wednesday, Final Chapel. Announcement of the Prizes of the Year.

Commencement Week

June 17 Thursday, McKinney Prize Speaking, 4 p. m.
June 18 Friday, Class Day, 10 a. m.
Meeting of the Trustees, 2 p. m.
McKinney Prize Debate, 8 p. m.
June 19 Saturday, Alumni Day. Meeting of the Alumni Association, 10:30 a. m. Class Reunions.
June 20 Sunday, Baccalaureate Sermon, 4 p. m.
June 21 MONDAY, 103D COMMENCEMENT, 10 A. M.

SUMMER VACATION OF THIRTEEN WEEKS

July 5 to August 13, Summer School of English.

First Term, 1915-1916

Sept. 20-22 Monday to Wednesday, Entrance Examinations.
Sept. 22 Wednesday, Registration of New Students, 10-12 a. m., 2-4 p. m.
New Students meet the Dean in the Chapel, 5 p. m.
Delinquent Examinations.
Sept. 23 Thursday, 8:30 a. m., Beginning of the Academic Year.
Oct. 9 Saturday, 9 a. m., Meeting of the Trustees.
Oct. 14 Thursday, before noon, Soper Theses due.
Oct. 14 Thursday, from 12:30, Autumn Field Day.
Nov. 25 Thursday, Thanksgiving Day.
Christmas Recess, from December 22, Wednesday, 5:30 p. m., to 1916 January 4, Tuesday, 8 a. m.
Jan. 4 Tuesday, before noon, Head, Pruyn, and Kirkland Prize Orations due.
Jan. 24-29 Monday to Saturday, Term Examinations.

THE TRUSTEES

ELECTED TERM

HON. ELIHU ROOT, LL.D., R.P.D., D.C.L., New York,		
<i>Chairman</i>	1883	
HON. CHARLES A. HAWLEY, LL.D., Seneca Falls..	1884	
THOMAS D. CATLIN, A.M., Ottawa, Ill.....	1890	1917
*GEORGE E. DUNHAM, A.M., Utica, <i>Clerk</i>	1891	1915
HAMILTON B. TOMPKINS, A.M., New York.....	1892	
PRES. M. WOOLSEY STRYKER, D.D., LL.D., Clinton..	1892	
FRANKLIN D. LOCKE, LL.D., Buffalo.....	1895	
JOHN N. BEACH, A.M., Brooklyn.....	1896	
ALEXANDER C. SOPER, A.M., Lakewood, N. J....	1897	
HENRY H. BENEDICT, A.M., New York.....	1897	
CHARLES B. ROGERS, A.M., Utica.....	1899	
BENJAMIN W. ARNOLD, A.M., Albany.....	1901	
JOHN E. FROST, LL.D., Topeka, Kan.....	1904	1918
*SAMUEL F. ENGS, A.B., Great Barrington, Mass..	1904	1917
SAMUEL H. ADAMS, A.B., Auburn.....	1905	1919
HON. FREDERICK W. GRIFFITH, A.M., Palmyra..	1907	1921
HON. ABEL E. BLACKMAR, LL.D., Brooklyn.....	1908	1915
HON. JOSEPH I. FRANCE, M.D., Baltimore, Md...	1909	1916
REV. ROBERT G. MCGREGOR, D.D., New Rochelle..	1910	1917
REUBEN L. MAYNARD, A.M., New York.....	1910	1917
*SAMUEL D. MILLER, A.B., Indianapolis, Ind.....	1910	1918
JOSEPH RUDD, PH.B., Clinton.....	1910	1917
REV. LOUIS G. COLSON, A.B., Camden.....	1911	1918

HENRY MURRAY ANDREWS, A.M., New York.....	1912	1919
WILLIAM McL. BRISTOL, A.B., Brooklyn.....	1912	1919
*REV. ARTHUR S. HOYT, D.D., Auburn.....	1912	1916
THOMAS R. PROCTOR, A.M., Utica.....	1913	1920
DANIEL BURKE, A.M., New York.....	1913	1920

* Elected by the Alumni of the College.

COMMITTEES OF THE TRUSTEES

Executive Committee: MESSRS. STRYKER, DUNHAM, GRIFFITH, ROGERS, RUDD.

Ways and Means: MESSRS. SOPER, BENEDICT, MAYNARD, BRISTOL, BURKE.

Instruction and Government: MESSRS. ADAMS, HOYT, BLACKMAR, GRIFFITH, ANDREWS.

Laboratory, Cabinet, and Apparatus: MESSRS. ENGS, ARNOLD, COLSON, FRANCE, PROCTOR.

Library: MESSRS. TOMPKINS, LOCKE, McGREGOR, RUDD, PROCTOR.

Degrees: MESSRS. STRYKER, HAWLEY, BEACH, McGREGOR, HOYT.

Buildings and Grounds: MESSRS. ROOT, STRYKER, GRIFFITH, MILLER, BURKE.

Undergraduate Activities: MESSRS. RUDD, ENGS, COLSON, MILLER, BRISTOL.

TREASURER

CHARLES B. ROGERS, First National Bank, Utica.

THE FACULTY

MELANCTHON WOOLSEY STRYKER...*President of the College. Walcott Professor (1892) of Theistic and Christian Evidences and of Ethics. Pastor of the College Church.*

A.B., Hamilton, 1872; D.D., Hamilton, and Lafayette, 1889;
LL.D., Lafayette, 1892; Wesleyan, 1910.

HERMAN CARL GEORGE BRANDT....*Munson Professor (1882) of the German Language and Literature.*

A.B., Hamilton, 1872; Ph.D., 1896; L.H.D., Colgate, 1910.

EDWARD FITCH....*Edward North Professor (1889) of Greek.*
A.B., Hamilton, 1886; Ph. D., Göttingen, 1896.

ALBRO DAVID MORRILL....*Stone Professor (1891) of Biology.*
B.S., Dartmouth, 1876; M. S., 1879; A.M., Belmont College, 1885.

WILLIAM HARDER SQUIRES.....*John Stewart Kennedy Professor (1891) of Philosophy.*

A.B., Hamilton, 1888; A.M., 1891; Ph.D., Leipzig, 1901.

SAMUEL J. SAUNDERS.....*Professor (1892) of Physics and Instructor in Astronomy upon the Litchfield Foundation. Registrar.*

A.B., Toronto, 1888; A.M., 1893; D. Sc., Cornell, 1894.

WILLIAM PIERCE SHEPARD....*Burgess Professor (1895) of the Romance Languages and Literatures.*

A.B., Hamilton, 1892; A.M., 1893; Ph.D., Heidelberg, 1896.

JOSEPH DARLING IBBOTSON, JR.....*Librarian (1911). Instructor (1895) in Hebrew.*

A.B., Hamilton, 1890; A.M., 1894.

ARTHUR PERCY SAUNDERS.....*Childs Professor (1900) of Agricultural and of General Chemistry. Dean.*
A.B., Toronto, 1890; Ph.D., Johns Hopkins, 1894.

FRANK HOYT WOOD.....*P. V. Rogers Professor (1902) of American History.*
A.B., Syracuse, 1891; A.M., 1894; A.B., Harvard, 1892;
Ph.D., Leipzig, 1900.

FREDERICK MORGAN DAVENPORT.....*Maynard-Knox Professor (1904) of Law, Politics, and Economics.*
A.B., Wesleyan, 1889; Ph.D., Columbia, 1905.

CALVIN LESLIE LEWIS...*Upson Professor (1908) of Rhetoric and Oratorical Training. Director of the Summer School of English.*
A.B., Hamilton, 1890; A.M., New York University, 1901.

CLEVELAND KING CHASE.....*Benjamin-Bates Professor (1911) of Latin.*
A.B., Oberlin, 1891; A.M., 1896.

FRANK HUMPHREY RISTINE.....*Professor (1912) of the English Language and Literature.*
A.B., Wabash, 1905; A.M., Columbia, 1907; Ph.D., 1910.

WILLIAM MASSEY CARRUTH.....*Associate Professor (1907) of Mathematics.*
A.B., Cornell, 1901.

HORACE SEELY BROWN.....*Associate Professor (1908) of Mathematics. Clerk of the Faculty.*
B.S., Lafayette, 1899; M.S., 1905.

RALPH CLEWELL SUPER.....*Associate Professor (1913) of Spanish, French, and German.*
A.B., Ohio University, 1895; Diploma of Grenoble, France, 1899.

HAROLD RIPLEY HASTINGS.....*Assistant Professor (1911) of Latin and Greek.*
A.B., Dartmouth, 1900; A.M., Harvard, 1902;
Ph.D., Wisconsin, 1910.

DANIEL CHASE.....*Assistant Professor (1912) of Hygiene and Director of Gymnastics.*
A.B., University of Maine, 1908; M.S., Hamilton, 1914.

WILLARD BOSTWICK MARSH.....*Assistant Professor (1913) of Writing and Speaking.*
A.B., Hamilton, 1912.

NELSON CLARK DALE.....*Assistant Professor (1914) of Geology.*
B.S., Middlebury, 1903; M.A., Brown, 1909;
Ph.D., Princeton, 1914.

EDWIN LEAVITT CLARKE.....*Assistant Professor (1914) of Law and Economics.*
A.B., Clark, 1909; A.M., 1911.

COMMITTEES OF THE FACULTY

Schedule and Studies: PROFESSORS FITCH, S. J. SAUNDERS, MORRILL, SHEPARD, DALE.

Undergraduate Activities: PROFESSORS WOOD, A. P. SAUNDERS, D. CHASE, HASTINGS, MARSH.

Reading: THE PRESIDENT, PROFESSORS LEWIS, A. P. SAUNDERS, SUPER, MARSH.

Library: PROFESSORS IBBOTSON, BRANDT, FITCH, DAVENPORT.

Registration: THE PRESIDENT, PROFESSORS BRANDT, FITCH.

Record of Scholarship: THE REGISTRAR, PROFESSORS CARRUTH, BROWN.

Discipline: THE PRESIDENT, THE DEAN, THE CLERK, PROFESSORS CARRUTH, RISTINE.

Catalogue: PROFESSORS IBBOTSON, SQUIRES, CARRUTH, C. K. CHASE, RISTINE.

COLLEGE OFFICERS

EDWARD M. COUGHLIN.....	<i>Bursar (1914)</i>
RUTH MARGERY ELLIS.....	<i>Library Assistant (1912)</i>
SOPHIE WILLIAMS.....	<i>Library Assistant (1912)</i>
CARRIE LENA PITCHER.....	<i>Library Assistant (1913)</i>

GEORGE E. TUNBRIDGE.....*Steward of Commons Hall (1912)*

EARLY HISTORY

Hamilton College is the outgrowth of the labors of Samuel Kirkland, missionary to the Oneida Indians through the latter half of the eighteenth century. At the beginning of the Revolutionary War his influence drew many Iroquois to the Colonial cause, and materially contributed to the successful issue of the Battle of Oriskany and the relief of Fort Stanwix. This service of Kirkland won the attention and regard of both Washington and Hamilton. Fifteen years later, when Kirkland determined to establish a school for the Indians and the sons of white settlers, Hamilton gave his support to the project, and became the first trustee of the Hamilton Oneida Academy. The Academy was chartered by the Regents of the State of New York, January 29, 1793. The State and the Indians had granted to Kirkland in 1788 two square miles of land in what is now the Town of Kirkland, a portion of which was set aside for the new institution. Here, in a small clearing, at a spot just south of the present Chapel, the corner-stone of the first building was laid by Baron Steuben, July 1, 1794. The school expanded gradually, until in 1810 its students numbered one hundred and seventy. Two years later, May 26, 1812, the college charter was granted.

AIMS

In a period of rapidly changing educational beliefs, Hamilton College has chosen to preserve the best of the earlier college ideals. It believes in the thorough mastery of subjects of approved disciplinary and cultural value as a means of giving its students a broad and liberal training for life. It

adheres to its classical traditions, believing that in the diversity of modern educational needs and practices there is a definite place for the small college that emphasizes the humanities. It believes that the discipline of language training is an essential part of the preparation for subsequent specialization in any field of study, as well as the basis for a broad knowledge of literature.

While the College thus vigorously maintains the cultural ideal, it aims to slight no subject that is essential to a well-rounded education. The modern languages are not sacrificed to the ancient, nor the natural sciences to philosophic or economic studies. Laboratory training in the methods of science forms an integral part of the scheme of studies prescribed as the basis of a liberal education. At the same time, students may receive thorough preparation for the scientific and medical schools. Instruction in the principles of constitutional government, begun under Theodore W. Dwight, seventy years ago, and extended to follow the advance of constitutional government throughout the world, equips men for intelligent citizenship. The College has long enjoyed a reputation for the efficient training in oratory which it imparts to all its students. In addition to the usual courses of English study, constant work in public speaking is required of every student throughout his course.

By a judicious application of a group system of studies, the College aims to secure breadth without superficiality, and thoroughness without cramping rigidity. It demands hard and intensive work on the part of its students, and it strives to offer them breadth of educational and spiritual outlook.

ADMISSION

METHODS OF ADMISSION TO THE FRESHMAN CLASS

1. **By examination at the College.** Entrance examinations will be held in the several department rooms, June 15-17, and September 20-25, 1915, as follows:

Tuesday, June 15	Latin, 9 to 12 a. m. Natural sciences, 2 to 5 p. m. Advanced mathematics, 2 to 5 p. m.
Wednesday, June 16	Mathematics, 9 to 12 a. m. English, 2 to 5 p. m.
Thursday, June 17	Greek, 9 to 12 a. m. Modern languages, 9 to 12 a. m. History, 2 to 4 p. m.
Monday, Sept. 20	Latin, 2 to 5 p. m.
Tuesday, Sept. 21	Mathematics, 8:30 to 11:30 a. m. English, 2 to 5 p. m.
Wednesday, Sept. 22	Greek, 8:30 to 11:30 a. m. Modern languages, 8:30 to 11:30 a. m. History, 2 to 4 p. m.
Saturday, Sept. 25	Natural sciences, 2 to 5 p. m. Advanced mathematics, 2 to 5 p. m.

Any of these examinations may be taken one year before the candidate expects to enter college.

2. **By certificate of the New York State Education Department.** Full credit will be given to all examinations in preparatory subjects conducted by this department. Diplomas and subject pass-cards, issued by it, will be accepted so far as these cover the requirements.

3. By certificate of the College Entrance Examination Board. All applications for examinations conducted by this Board must be addressed to the Secretary of the College Entrance Examination Board, P. O. Substation 84, New York City, and must be made upon a blank form to be obtained from the Secretary of the Board at least three weeks in advance of the examination. The fee is five dollars for all candidates examined at points in the United States and Canada.

4. By certificate from the principal of the school in which the student has been prepared. Such schools must have been approved by the Faculty of the College. Blank certificates will be sent by the President upon request, and should be filed with him as early as possible. These certificates are itemized, specifying time, topics, and grades.

Students who have tried entrance examinations and have failed to pass are not entitled to the privilege of admission on principals' certificates or Regents' credentials.

REQUIREMENTS FOR ADMISSION

Fourteen and one-half units of secondary school studies are required. A unit in any subject represents a year's study, constituting approximately a quarter of a full year's work. Under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than 120 sixty-minute periods or their equivalent.

The preparatory subjects are divided into two groups, for admission to the Classical and to the Latin-Scientific Courses respectively; but the ultimate classification of students does not depend entirely on the subjects presented for admission. Thus, students who either begin or pursue the study of Greek in college are registered in the Classical Course; all others are registered in the Latin-Scientific Course.

The required units for admission to the two courses are as follows, subject to rules *A*, *B*, *C*, *D*, specified below:

CLASSICAL	LATIN-SCIENTIFIC
English - - - - 3 units	English - - - - 3 units
Algebra - - - - 1½ units	Algebra - - - - 1½ units
Geometry - - - - 1 unit	Geometry - - - - 1 unit
Latin (<i>See Rule B</i>) 4 units	Latin (<i>See Rule B</i>) 4 units
Greek (<i>See Rule B</i>) 3 units	Modern Language 2 units
Ancient History - 1 unit	History - - - - 1 unit
Elective - - - - 1 unit	Elective - - - - 2 units

The elective subjects that may be presented to complete the fourteen and one-half units in either course are the following:

Elementary German 2 units	European History - 1 unit
Advanced German 1 unit	English History - 1 unit
Elementary French 2 units	American History 1 unit
Advanced French 1 unit	Biology - - - - 1 unit
Elementary Spanish 2 units	Chemistry - - - - 1 unit
Advanced Math'tics 1½ units	Physics - - - - 1 unit
Ancient History 1 unit	

A. A single elementary year of any language will not be counted as fulfilling any unit of these requirements. The third year of advanced language study may, however, be presented as an elective unit in either course.

B. For the fourth year of Latin (one unit) or the third year of Greek (one unit), but not for both, one unit of a modern language may be substituted. This substitution is limited, however, by the requirement of rule *A*.

C. At least one and one-half units of advanced mathematics must be presented in order to be counted as an elective subject in fulfillment of these requirements.

D. Not more than one elective unit in history may be offered.

Part, at least, of the preparatory work in algebra should be done in the final year in the secondary school.

A student slightly deficient in any subject required for

admission may be admitted with a condition in that subject. For the removal of the condition the department concerned will fix a program of study, and will set an examination not later than the opening of the second term. Failure to pass this examination on the date set will count thereafter in the student's record as the equivalent of a failure in a three-hour college course.

DEFINITION OF REQUIREMENTS

ENGLISH

(1) English Grammar and Composition

English grammar should ordinarily be reviewed in the high school, and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition, punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument, based on simple outlines. Finally, special instruction in language and composition should be accompanied by a concerted effort of teachers to cultivate in the student the habit of using good English in all his recitations and various exercises, whether oral or written.

(2) English Literature

The requirement includes, first, a thorough familiarity with at least ten selections made from five groups of books prescribed *for reading*, and second, a more minute knowledge of certain specified examples of the drama, lyric, essay, and oration prescribed *for study*. The books necessary to meet both parts of the requirement are those recommended by the National Conference on Uniform Requirements in English. For 1915-1919 they are as follows:

(A) FOR READING

GROUP 1. CLASSICS IN TRANSLATION (two to be selected). The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired,

of Books 1-5, 15-17; the *Iliad*, with the omission, if desired, of Books 11, 13-15, 17, 21; the *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted. Selections are set off by semicolons.

GROUP 2. SHAKESPEARE (two to be selected). *Midsummer Night's Dream*; *Merchant of Venice*; *As You Like It*; *Twelfth Night*; *The Tempest*; *Romeo and Juliet*; *King John*; *Richard II*; *Richard III*; *Henry V*; *Coriolanus*; *Julius Caesar*; *Macbeth*; *Hamlet*. (The last three plays if not chosen for study under B.)

GROUP 3. PROSE FICTION (two to be selected). Malory's *Morte d'Arthur* (about 100 pages); Bunyan's *Pilgrim's Progress*, Part I; Swift's *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe's *Robinson Crusoe*, Part 1; Goldsmith's *Vicar of Wakefield*; Frances Burney's *Evelina*; Scott's novels, any one; Mrs. Gaskell's *Cranford*; Kingsley's *Westward Ho!* or *Hereward the Wake*; Reade's *The Cloister and the Hearth*; Blackmore's *Lorna Doone*; Hughes' *Tom Brown's School Days*; Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae*; Cooper's novels, any one; Poe's *Tales*; Hawthorne's *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old Manse*; a collection of short stories by various standard writers.

GROUP 4. ESSAYS, BIOGRAPHY, ETC. (two to be selected). Addison and Steele's *Sir Roger de Coverley Papers*, or selections from the *Tatler* and *Spectator* (about 200 pages); selections from Boswell's *Life of Johnson* (about 200 pages); Franklin's *Autobiography*; selections from Irving's *Sketch Book* (about 200 pages), or *Life of Goldsmith*; Southey's *Life of Nelson*; selections from Lamb's *Essays of Elia* (about 100 pages); selections from Lockhart's *Life of Scott* (about 200 pages); Thackeray's lectures on Swift, Addison, and Steele, in the *English Humorists*; Macaulay, any one of the following essays—*Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederick the Great*, *Madame d'Arblay*; selections from Trevelyan's *Life of Macaulay* (about 200 pages); Ruskin's *Sesame and Lilies*, or selections (about 150 pages); Dana's *Two Years before the Mast*; selections from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Greely, together with a brief memoir; Parkman's *Oregon Trail*; Thoreau's *Walden*; selected essays of Lowell (about 150 pages); Holmes' *Autocrat of the Breakfast Table*; Stevenson's *An Inland Voyage* and *Travels with a Donkey*; Huxley's *Auto-*

biography and selections from the *Lay Sermons*, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; a collection of essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of letters by various standard writers.

GROUP 5. POETRY (two to be selected). Palgrave's *Golden Treasury* (*First Series*), Books 2 and 3, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury* (*First Series*), Book 4, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith's *The Traveller* and *The Deserted Village*; Pope's *The Rape of the Lock*; a collection of English and Scottish ballads; Coleridge's *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron's *Childe Harold*, Canto 3 or 4, and *The Prisoner of Chillon*; Scott's *The Lady of the Lake*, or *Marmion*; Macaulay's *Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivy*; Tennyson's *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *Good News from Ghent*, *Home Thoughts, Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "De Gustibus"—, *Instans Tyrannus*; Arnold's *Sohrab and Rustum* and *The Forsaken Merman*; selections from American poetry, with special attention to Poe, Longfellow, Lowell, and Whittier.

(B) FOR STUDY

GROUP 1. DRAMA (one to be selected). Shakespeare's *Julius Caesar*, or *Macbeth*, or *Hamlet*.

GROUP 2. POETRY (one to be selected). Milton's *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson's *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Palgrave's *Golden Treasury*.

GROUP 3. ORATORY (one to be selected). Burke's *Speech on Conciliation with America*; Macaulay's *Speeches on Copyright*, and Lincoln's *Speech at Cooper Union*; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

GROUP 4. ESSAYS (one to be selected). Carlyle's *Essay on Burns*, with a selection of Burns' poems; Macaulay's *Life of Johnson*; Emerson's *Essay on Manners*.

In addition to a thorough knowledge of the books read and studied, the student should have some familiarity with the facts of English literary history.

MATHEMATICS**(a) Elementary Mathematics**

Elementary Algebra—The four fundamental operations for rational algebraic expressions; factoring, determination of the highest common factor and lowest common multiple by factoring; fractions, including complex fractions and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and negative; quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binomial theorem for positive integral exponents; the formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with applications. Algebra should be reviewed during the last preparatory year.

Plane Geometry—The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

(b) Advanced Mathematics

Advanced Algebra—Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes' rule of signs, and Horner's method, but not Sturm's functions or multiple roots.

Solid Geometry—The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

Plane Trigonometry—Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas; solution of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series); the solution of right and oblique triangles and practical applications.

HISTORY

Ancient History, European History, English History, and United States History and Civil Government may each be offered as one unit for entrance. An accurate text-book of about 500 pages should be covered, and supplemented by suitable parallel readings of about 1000 pages. Attention should be paid to historical geography. The examination will call for comparison of historical characters, periods, and events, and for the exercise of judgment as well as of memory.

LATIN

The requirement for admission by examination is that of the College Entrance Examination Board, as stated below. This statement also indicates the preparation required of a candidate who presents a principal's certificate for admission. The requirement in a modified form is incorporated in the Syllabus of the New York State Education Department, whose credentials are accepted. For a candidate who offers but three units of Latin, requirement I, 2, b, or I, 2, c, below, is omitted.

I. Amount and Range of Reading Required

(1) The reading, without regard to the prescription of particular authors and works, shall be not less in amount than Caesar, *Gallic War*, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, *Aeneid*, I-VI.

(2) The amount of reading specified above shall be selected by the schools from the following authors and works: (a) Caesar, *Gallic War* and *Civil War*, and Nepos, *Lives*; (b) Cicero, orations, letters, and *De Senectute*, and Sallust, *Catiline* and *Jugurthine War*; (c) Vergil, *Bucolics*, *Georgics*, and *Aeneid*, and Ovid, *Metamorphoses*, *Fasti*, and *Tristia*.

II. Scope of the Examinations

(1) Translation at Sight—Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

(2) Prescribed Reading—Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Vergil, *Aeneid*, I, II, and either IV or VI, at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not receive credit for either part.

(3) Grammar and Composition—The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

GREEK

The requirement is substantially as defined by the New York State Education Department in its Syllabus outlining the work of the first, second, and third years; and by the College Entrance Examination Board, under *aI*, *aII*, *b*, *g*, *c*.

(1) Greek Grammar; Xenophon's *Anabasis*, Books 1-4; the translation at sight of easy Greek prose; the translation into Greek of simple sentences based upon Books 1-2 of the *Anabasis*, in order to test the candidate's knowledge of forms and important principles of syntax. (Two units.)

(2) Homer's *Iliad*, Books 1-3 (omitting the catalogue of the ships), or an equivalent amount of the text of Homer. This includes Homeric forms, constructions, and prosody. (One unit.)

The requirements as above stated apply to candidates who are admitted either by certificate or by examination; and to competitors for the Maynard and Brockway Entrance Prizes and the Fayerweather Scholarships in so far as such competitors offer Greek as an entrance subject.

An alternative provision is made for candidates for the John W. Vrooman Freshman Prize Scholarship in Greek. These are examined orally upon the Greek text of the *Gospel of Luke* and upon Homer's *Iliad*, Books 1-3. Candidates who make a satisfactory record in this prize competition will be held to have met requirement 2 above, and so much of requirement 1 as is covered by Books 2-4 of the *Anabasis*. The remaining parts of the total requirement may be satisfied either by examination or upon certificate. A competitor for the Vrooman prize may also enter the Maynard and Brockway prize competition.

MODERN LANGUAGES

The requirements follow the recommendations of the Committee of Twelve of the Modern Language Association of America, upon which the more detailed statements of the College Entrance Examination Board and of the New York State Education Department are based.

In French and German the requirements are divided into (a) elementary (two units), and (b) advanced (one unit). *A single first year* no longer counts as one unit, either in combination with two years of another language or as a substitute for a third year of Greek or a fourth year of Latin. In general a modern language should be treated as a living language which is not merely to be read, but also to be written, spoken, and understood when heard. Hence the accurate acquisition of the foreign sounds and of a standard pronunciation is all important from the beginning, and the "direct" method of teaching the most effective. In the preparatory work great stress should be laid on oral and auricular training; the pupil should receive a constant drill in pronunciation, dictation, and the free reproduction (both in English and in French and German) of phrases and anecdotes read aloud by the teacher. The examination will include a practical test in this training, and the schools certifying a candidate for admission must state whether he has received it or not.

(A) French

(a) **Elementary French**—The work of the *first year* should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of adjectives, participles, and pronouns, the use of personal pronouns, adverbs, prepositions and conjunctions, the order of words in a sentence, and the elementary rules of syntax, with constant drill upon exercises illustrating these principles; (3) the reading of at least 100 pages of graduated texts, with

constant practice in translating into French easy variations of the sentences read, and in reproducing from memory sentences previously read; (4) simple conversation and writing of French from dictation. The work of the *second* year should comprise: (1) the reading of at least 250 pages of easy modern prose in the form of stories, plays, or historical and biographical sketches; (2) constant practice, as in the first year, in translating into French variations on the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the texts already read; (4) writing French from dictation; (5) continued drill in the rudiments of grammar and in the writing of sentences illustrative of the grammatical principles; (6) conversation, and the answering in French by the student of questions based on the text read. Suitable texts for the second year are About's *Le Roi des Montagnes*, Daudet's easier short tales, Erckmann-Chatrian's stories, Malot's *Sans Famille*, Sarcey's *Le siège de Paris*, Labiche's *La Poudre aux Yeux*, *Le Voyage de M. Perrichon*, *La Cagnotte*, extracts from Michelet, Verne's stories.

(b) **Advanced French**—A systematic course of five periods a week, extending over a third school year, in addition to the elementary course, should comprise: (1) at least 400 pages of French of ordinary difficulty, a portion to be in dramatic form; (2) constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; (3) the study of a grammar of moderate completeness; (4) writing from dictation; (5) continuation of the drill in oral and auricular training. At the end of this course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a thorough knowledge of syntax and morphology. Suitable texts are: About's stories, Augier's plays, Béranger's poems, Corneille's *Le Cid* and *Horace*, Labiche's plays, Loti's *Pêcheur d'Islande* and *Ramuntcho*, Molière's *L'Avare*, *Le Bourgeois Gentilhomme* and *Le Médecin malgré Lui*, Racine's *Athalie*, *Andromaque* and *Esther*, George Sand's *La Mare au Diable* and *François le Champi*, Scribe's plays, Thier's *L'Expédition de Bonaparte en Égypte*, Voltaire's historical writings.

(B) German

(a) **Elementary German**—The work of the *first* year should comprise: (1) a thorough, scientific, not merely imitative, acquisition of German sounds and sentence-accent (intonation); (2) drill in the

rudiments of grammar; the declension of articles, nouns, adjectives, and pronouns; the conjugation of weak verbs and of the common strong and irregular verbs; the use of the prepositions that govern the dative, the accusative, or both; the fundamental rules of syntax and word-order; (3) the reading of not less than 75 pages, preferably of graduated texts from a beginner's reader, followed by a comedy of Benedix, such as *Eigensinn* or *Versalzen*, by short stories of Frommel, Baumbach, or by *Biblische Geschichten*; (4) constant practice in translating into German simple exercises and easy variations upon sentences taken from the reading lesson. This and the frequent repetition and memorizing of easy colloquial sentences, proverbs, and short simple poems, form the best starting-point for conversation and dialogue. The work of the second year should comprise: (1) continued drill upon the elements of grammar, abundant illustrations, English and German, preferably from a separate exercise book, of such difficult features as the use of *haben* and *sein* in the active voice; of the modal auxiliaries; the subjunctive; adjectives used as nouns or that have become nouns; (2) continued practice as under first year; (3) the reading of 200 pages, which should include 50 or 60 pages of more difficult selections from the reader rather than three or four short texts with special vocabularies and copious notes. Suitable texts are: short stories such as Wildenbruch's *Das edle Blut*, Frenssen's *Gravelotte*; Eichendorff's *Aus dem Leben eines Taugenichts*; a short tragedy, such as Sudermann's *Teja*; a comedy, such as Moser und Heiden's *Köpnickerstrasse 120*, or Freytag's *Die Journalisten*.

(b) **Advanced German**—The work should comprise, in addition to the elementary course, the four following topics: (1) the reading of at least 400 pages of moderately difficult prose and poetry. Suitable texts are: the more difficult short stories of Seidel, Keller, and Raabe; Chamisso's *Peter Schlemihl*; Mogk's *Deutsche Sitten und Gebräuche*; plays such as Fulda's *Unter vier Augen* or his *Talisman*; Sudermann's *Heimat* or Ludwig's *Erbförster*; Schiller's *Tell* or *Jungfrau von Orleans*; Goethe's *Vicar of Seesenheim*; Goethe's *Hermann und Dorothea*. The use of texts with special vocabularies should cease and the use of a comprehensive dictionary should be encouraged. (2) The grammar should be completed by taking up word-formation and the comparison of cognates (German and English words of the same origin, such as *Schwester*—sister; *zehn*—ten; *Urlaub*—furlough); also the nicer uses of the definite article and the compounded verbs that may be separable or inseparable. The study of the more theoretical

grammars of Joynes, Brandt, and Whitney is recommended for this purpose and for the mastery of the technical language of the grammar. (3) Continuance of paraphrasing, abstracting, and reproducing the reading matter. The use of German by teacher and student to the utmost limit. (4) Sight-reading of some easier text with foot-notes.

(C) Spanish

The two years' work should comprise the following: careful drill in pronunciation; a complete study of some good grammar; mastery of all but the rare irregular verbs; the inflection of nouns, adjectives, and pronouns; the essential elements of syntax; the reading of at least 300 pages of modern Spanish prose or verse; exercises containing illustrations of the principles of grammar, and practice in translating into Spanish variations of texts read; writing Spanish from dictation.

BIOLOGY

The requirement of one unit may be satisfied by presenting one of the following subjects:

(a) **General Biology**—The activities of living things should be the central idea. The laboratory and classroom work should include a study of the functions of representative plants and animals and their relation to each other and to their environment. These studies should be bound together by a knowledge of the common laws of living organisms.

(b) **Botany**—A study of examples of the great groups of plants should include the general laws of plant physiology, the fundamental facts of plant structure, and the relation of plants to animals and to man.

(c) **Zoology**—Representative common animals should be studied in field and laboratory that a knowledge of their habits and structure and of their structural and economic relation to man may be obtained. The relationship of plants to animals should also be considered.

As an essential part of any of these methods of meeting the requirement, a certified note-book with drawings and description of work done should be presented with the certificate, or at the time of examination. A more detailed account of the requirement may be found in the Syllabus of the New York State Education Department, or in the Publication of the College Entrance Examination Board.

CHEMISTRY

The requirement is substantially that specified in the Syllabus of the New York State Education Department. Not less than one-half of the course should be individual laboratory work devoted to the preparation and study of the common elements and compounds and to experiments illustrating important laws. The course should also include lecture-table demonstrations and the study of some good elementary text-book, with recitations covering the fundamental laws and theories of chemical combination, and the preparation, properties, and uses of the more important metallic and non-metallic elements, and their compounds.

PHYSICS

A detailed statement of the requirement may be found in the Syllabus of the New York State Education Department, or in the Publication of the College Entrance Examination Board. Preparation should include a knowledge of the general laws and principles of physics as presented in a good text-book, together with at least thirty experiments selected from a list similar to that given in the Syllabus. The student taking the examination here should present his note-book, with certification by the instructor under whose supervision the work was done that the experiments were satisfactory to him and were performed by the student himself.

A student who does not offer a note-book may meet the requirement by showing ability to solve more difficult problems in theoretical physics.

ADMISSION TO ADVANCED STANDING

A student who comes from an approved institution of collegiate rank and presents an official statement of his previous work may receive credit for such work without examination. This statement must include a full list of his accepted preparatory subjects, a list of his college subjects with his record therein, and a letter of honorable dismissal.

To compete for honors or prizes based in any way upon collegiate work done previous to entrance here, a student must pass examinations covering such work.

Any other student may be admitted to advanced standing by passing the necessary examinations of the departments concerned up to the point at which he desires to enter.

ADMISSION TO SPECIAL COURSES OF STUDY

A student of serious purpose, not a candidate for a degree, is admitted to courses which he is competent to pursue, subject to the approval of the departments concerned. A special student is not held strictly to the entrance requirements for the regular courses; but deficiency in any subject must be offset by more advanced preparation in another. He must choose courses amounting to not less than fifteen hours a week, not including public speaking. Biblical study is required. He must attain an average grade of six in the work of each term. In other respects he is subject to the administrative rules governing regular students. He is not eligible to scholarships, honors, or prizes.

A special student attaining a grade of eight for a complete year receives a certificate of proficiency. One who pursues studies for two or more years with an average grade of not less than eight and five-tenths is named on the commencement program as a candidate for a certificate of completed special study.

REGISTRATION

All new students are required to register on the day before the opening of the first term. For this purpose a member of the Committee on Schedules and Studies will be in the Library from 10 to 12 a. m., and from 2 to 4 p. m. On this day all freshmen will receive their program of studies for the year; and those who, under the regulations for the studies of fresh-

man year, elect a modern language or elementary Greek will then make their election.

All new students meet the Dean in the Chapel at five o'clock on the day of registration.

ENTRANCE PRIZES AND SCHOLARSHIPS

Prizes and prize scholarships are awarded upon the basis of the September examinations as follows:

- (1) The Maynard Prize of \$100.
- (2) The Brockway Prize of \$25.

The five Fayerweather Prize Scholarships, yielding tuition for freshman year.

The John W. Vrooman Prize Scholarship, yielding tuition for freshman year.

A detailed statement regarding these competitions will be found under the heading "Prizes."

There is a limited number of non-competitive scholarships which are available for freshmen. The conditions under which these scholarships are awarded will be found under the heading "Scholarships."

RESIDENCE AND GRADUATION

COURSES OF STUDY

There are two regular courses of study, the Classical and the Latin-Scientific. The degree of Bachelor of Arts is conferred only upon those who have done all the required work of the Classical Course in both Latin and Greek. The Classical Course is open (1) to those who present three or two units of Greek for entrance, and (2) to those who, entering under the Latin-Scientific requirements, elect to begin the study of Greek. The Latin-Scientific Course leads to the degree of Bachelor of Philosophy. The degree of Bachelor of Science is conferred upon those who have completed the entire work of at least two departments in Group C.

STUDIES OF FRESHMAN YEAR

The studies of freshman year are prescribed, except in the particulars that are given below. The following is a summary of the work of that year. An odd number indicates a course given in the first term; an even number, one given in the second term. Fuller descriptions of the courses will be found under the heading "Departments of Instruction."

A. REQUIRED OF ALL FRESHMEN:

Mathematics 1-2	3 hours
Latin 1-2	3 hours
Public Speaking 1-3-4 } Writing English 1-2 }	4 hours
Bible 1-2	1 hour
Hygiene and Gymnasium	1 hour

B. ADDITIONAL REQUIREMENTS OF CLASSICAL FRESHMEN:

Greek 5-6, or 3-6, or 1-2..... 3 hours
German or French, 1-2 or 3-4.... 3 hours

C. ADDITIONAL REQUIREMENTS OF LATIN - SCIENTIFIC FRESHMEN:

German 1-2 or 3-4..... 3 hours
French 1-2 or 3-4..... 3 hours

Regulations Governing Freshman Studies

1. All freshmen are required to take two foreign languages in addition to Latin. These two are chosen by the student from three languages: Greek, German, French (Greek being required of Classical freshmen); and the particular courses taken in each language will depend, as explained below, upon the number of units offered in that language for entrance. A student's choice is not restricted, except in one case: a freshman who enters with two units of Greek must take courses 1-2 in that modern language which he does not offer for entrance.

(a) Courses open to freshmen who have entered without preparation in a given language: Greek 1-2, German 1-2, French 1-2.

(b) Courses open to freshmen who have entered with two units in a given language: Greek 3-6, German 3-4, French 3-4.

(c) Courses open to freshmen who have entered with three units in a given language: Greek 5-6, German 3-4, French 3-4.

Note—A student's freedom of election in later years is to some extent circumscribed by the choice he makes under regulation 1, and in this connection he is advised to read regulations 4, 5, 6a, and 6b, governing electives of sophomore, junior, and senior years.

2. A student who enters with four units of mathematics

must take Mathematics 3-4 instead of 1-2 as stated in the table above.

3. A student who offers science, or history, or Spanish for entrance may continue these subjects only in a later year.

STUDIES OF SOPHOMORE, JUNIOR, AND SENIOR YEARS

Required Studies

In sophomore and junior years three hours of work in the Department of Rhetoric and Oratory are required of all students. In senior year three hours of work are required of all students as follows: one hour in Ethics and Christian Evidences, one hour in Debate, and one hour in Orations 11-12.

Elective Studies

Except for the required work as above described, all studies of the sophomore, junior, and senior years are elective. The choice of studies is made under a group system, the departments of study being assigned to three groups, as follows:

Group A. Foreign Languages, including Anglo-Saxon and Middle English.

Group B. English Literature, History, Philosophy, Economics, Social and Political Science.

Group C. Natural Sciences, Mathematics.

Regulations Governing Electives

1. All courses are continuous for the year and must be elected for the year.
2. All courses are assigned three hours each week.
3. Studies for the last three years are chosen at the end of the freshman, sophomore, and junior years respectively.

4. At least one year-course in one of the natural sciences and at least two year-courses in one of the modern languages are required for graduation.

5. In order to qualify for the A. B. degree, a student who enters with three units of Greek must take courses 5-6; one who enters with two units must take courses 3-6, 7-8; one who begins Greek in college must take courses 1-2, 3-6, 7-8. But a student who offered three units of German or French for entrance, and who has not taken up the study of that language in college, may substitute course 4 in that language for course 8 in Greek in the second and third cases above mentioned.

6. Sophomore studies. Each student must choose five year-courses. Of these, two must be chosen from Group A, and one each from Groups B and C.

(a) A modern language begun in freshman year must be continued through sophomore year.

(b) A student who entered with three units only of Latin must complete Latin 3-4 for graduation, unless in sophomore year he elects Greek 3-6 or 7-8 and continues the study of a modern language. But a student who offered three units of German or French for entrance, and who has not taken up the study of that language in college, may substitute course 4 in that language for Latin 4.

7. Junior and senior studies. During the last two years each student must complete ten year-courses. He may take not less than four courses nor more than six courses in either year; but the choice of four or six courses, rather than five, in either year shall be subject to the approval of the Committee on Schedule and Studies. During junior year he must complete at least one course from each group. During senior year he must complete at least one course from each of two groups.

8. In sophomore, junior, or senior year a student may elect any preceding course to which he is eligible, if the schedule of hours permits.

Note — The choice of studies for the year must be made not later than June 1. All elective cards must conform to the regulations 1-8, as given above, and all courses must be numbered and indicated as in the Summary of Elective Studies. The Committee on Schedule and Studies will assign courses to a student who does not return his elective card properly filled on or before June 1. No student may change his program of studies for the year later than 3 p. m. of the day before the opening of first term, and then only upon written application to the chairman, giving reasons satisfactory to the Committee.

SUMMARY OF ELECTIVE STUDIES BY GROUPS

SOPHOMORE YEAR

Group A

GREEK 7-8: Plato, Theocritus.

GREEK 3-6: Intermediate Greek, Odyssey.

LATIN 3-4: Tacitus and Pliny, Catullus and Cicero.

GERMAN 3-4: Intermediate German, Modern Plays and Novels.

GERMAN 5-6: Lyric Poetry, Historical Tragedy.

FRENCH 3-4: Intermediate French, Modern Comedy.

FRENCH 5-6: Tragedy, Comedy.

Group B

ENGLISH LITERATURE 1-2: General Introduction, 19th Century Poets.

PHILOSOPHY 1-2: Psychology, Logic.

HISTORY 1-2: Medieval, Modern.

Group C

MATHEMATICS 3-4: Analytic Geometry, Differential Calculus.

BIOLOGY 1-2: General Biology.

CHEMISTRY 1-2: Elementary College Chemistry.

JUNIOR YEAR**Group A**

GREEK 11-12: Prose Writers.
GREEK 7-8: Plato, Theocritus.
LATIN 5-6: Drama, Satire.
GERMAN 5-6: Lyric Poetry, Historical Tragedy.
GERMAN 7-8: Goethe, Lessing.
FRENCH 5-6: Tragedy, Comedy.
FRENCH 7-8: Prose, Poetry.
SPANISH 1-2: Elementary Spanish.
ENGLISH LANGUAGE 1-2: Anglo-Saxon, Middle English.

Group B

ENGLISH LITERATURE 5-6: Romantic Period, Victorian Era.
PHILOSOPHY 3-4: Plato to Kant, Kant to Spencer.
HISTORY 3-4: England, 19th Century.
HISTORY 5-6: American History to 1789, 1789 to 1877.
ECONOMICS 1-2: Sociology, Economics.

Group C

MATHEMATICS 5-6: Calculus, Analytic Geometry.
BIOLOGY 3-4: Zoology, Embryology.
CHEMISTRY 3-4: Qualitative and Quantitative Analysis.
PHYSICS 1-2: Mechanics and Heat, Sound and Light.
GEOLOGY 1-2: Physiographic and Dynamic Geology.

SENIOR YEAR**Group A**

GREEK 11-12: Prose Writers.
LATIN 7-8: History of Latin Literature.
LATIN 9-10: Roman Art.
GERMAN 7-8: Goethe, Lessing.
GERMAN 9-10: History of German Literature.
FRENCH 7-8: Prose, Poetry.
FRENCH 9-10: Romance Philology, Medieval Literature.
ITALIAN 1-2: Modern Italian, Dante.
SPANISH 3-4: Advanced Grammar and Modern Prose.
ENGLISH LANGUAGE 1-2: Anglo-Saxon, Middle English.
HEBREW 1-2: Grammar, Historical Prose.

Group B

WRITING ENGLISH 5-6: Advanced English Composition.

ENGLISH LITERATURE 7-8: Shakespeare and Elizabethan Drama.

PHILOSOPHY 5-6: Current Problems, Philosophical Classics.

PHILOSOPHY 7-8: Pedagogy.

HISTORY 7-8: American History 1877 to 1915, International Relations.

HISTORY 9-8: Constitutional Government, International Relations.

HISTORY 9-10: Constitutional Government, American Politics and Constitutional Law.

ECONOMICS 3-4: Advanced Economics, Public Finance.

ECONOMICS 5-6: Law.

Group C

MATHEMATICS 7-8: Projective Geometry, Differential Equations.

BIOLOGY 5-6: Bacteriology, Histology and Physiology.

CHEMISTRY 3-4: Qualitative and Quantitative Analysis.

PHYSICS 1-2: Mechanics and Heat, Sound and Light.

PHYSICS 5-6: Astronomy, Laboratory Practice.

GEOLOGY 3-4: Structural and Historical Geology.

GEOLOGY 5-6: Mineralogy.

DEPARTMENTS OF INSTRUCTION

An odd number indicates a course given in the first term; an even number, one given in the second term.

All courses are assigned three hours a week, except as otherwise stated.

Group A

GREEK

PROFESSOR FITCH

ASSISTANT PROFESSOR HASTINGS

Courses 5 to 12 form a program for four years, based upon a college preparation of three units. Courses 1-2 are designed for those who begin Greek in college. For such students courses 3 and 6 constitute a second year's work; 7 and 8 a third year's work; a fourth year is possible in courses 9-10 or 11-12. Course 5 is not ordinarily open to these students.

1-2. Elementary Greek. Goodwin's Grammar is used from the beginning. Attention is devoted to Attic forms and syntax in connection with readings from the *Anabasis*. Exercises in writing Greek continue throughout the year. *Open to freshmen who enter without Greek.*

3. Intermediate Greek. Selections from Homer's *Iliad*. Homeric forms, constructions, and prosody. *Prerequisite, 1-2, or two units of entrance Greek.*

5. Lysias. This course includes a review of grammar, work in prose composition, and an introductory study of rhetorical style. *Required of freshmen who enter with three units of Greek.*

6. Homer's Odyssey. In alternate years selections are read from Books 1-12 and 13-24, with particular attention to the structure of the poem, to Homeric antiquities, and to the historical aspects of the language. *Prerequisite, 3 or 5.*

7. Plato. *Apology, Crito*, and portions of the *Phaedo*. A study of the character of Socrates as portrayed by Plato and of the more general aspects of his significance as a thinker. *Prerequisite, 6.*

8. Theocritus. The *Idylls* are illustrated by parallel passages from the other Alexandrian poets. *Prerequisite*, 7.

9-10. The Drama. Careful interpretation of a tragedy of Sophocles or Euripides, followed by rapid reading of other selected tragedies. Aristophanes is studied in similar manner. The year's work includes a survey of Greek poetry from Homer to the drama. *Prerequisite*, 8. *Alternates with 11-12.* (Not offered in 1915-16).

11-12. Prose Writers. A careful study of one important prose work. In 1915-16 Plato's *Gorgias* or *Republic*; thereafter Demosthenes' *De Corona*. Second term, a study of New Testament Greek, in connection with selected portions of the *Septuagint*. The year's work includes a survey of Greek prose literature. *Prerequisite*, 8. *Alternates with 9-10.*

In connection with 5, 6, 7, 9, 10, illustrated lectures on art and archaeology are given, and collateral reading is required. The topics treated are: the Acropolis, its history and monuments; the Cretan and Mycenaean periods; the Parthenon; the monuments of Olympia and Delphi.

LATIN

PROFESSOR C. K. CHASE

ASSISTANT PROFESSOR HASTINGS

1. Livy. Selections from Books I, XXI, and XXII, with a review of Latin grammar and prose composition.

2. Horace. A purely literary study of the *Odes* and *Epodes*.

3. Tacitus and Pliny. Reading of the *Agricola* of Tacitus and selected letters of Pliny, with a study of the literature and society of the Silver Age.

4. Catullus and Cicero. Reading of the poetry of Catullus and selected letters of Cicero, with a study of the political and social history of the period.

5. Roman Drama. One tragedy of Seneca read rapidly; Plautus and Terence. Emphasis is placed on Roman comedy; several plays are read.

6. Roman Satire. After a brief introduction to early satire, attention is devoted mainly to the reading of Horace and Juvenal.

7-8. History of Latin Literature. This course consists primarily of extended readings from the Latin authors; with lectures, and the

reading of modern authorities. In second term, certain problems connected with the language as well as the literature are considered. *Two hours. To receive credit for this course, 9-10 must also be taken.*

9-10. Roman Art. This course includes such topics as the relation of Roman to Greek art, Roman painting, sculpture, architecture, processes of construction, and other problems in Roman archaeology. Lectures and reading. *One hour. Advanced courses in Latin are not prerequisite, but to receive credit for this course, 7-8 must also be taken. Open to juniors and seniors.*

Except as noted immediately above, each course calls for the preceding course as a prerequisite, unless permission to elect has been granted by the instructor.

GERMAN

PROFESSOR BRANDT

ASSOCIATE PROFESSOR SUPER

Courses 1 to 4 are planned to give not only a sound preparation for speaking German, but also a fluent reading knowledge, which is useful in junior and senior subjects and required in the best graduate and professional schools. To insure this proficiency, a student entering without German should begin it freshman year, as there is no assurance of an opportunity to elect back later. Courses 5 to 10 aim to give an intimate acquaintance with the language, literature, and civilization of Germany.

1-2. Elementary German. Thorough grounding in pronunciation, forms, and syntax. From the beginning stress is laid on writing and speaking. Selections from a Reader. In second term, Schiller's *Tell* is added to the readings. *Required of Latin-Scientific freshmen who enter without German. Elective for other students.*

3. Intermediate German. In grammar, word-formation; prose composition on difficult syntactical points. Reading of Schiller's *Jungfrau von Orleans* and Goethe's *Hermann und Dorothea*; historical prose from the Reader. *Prerequisite, 1-2, or the equivalent in entrance German.*

4. Modern Plays and Short Novels. Rapid reading for the expansion of the vocabulary. Increased sight translation.

Courses 3-4 are required of sophomores who have taken 1-2 as freshmen, and of Latin-Scientific freshmen who offer German for entrance.

5. **Lyric Poetry.** From Walter von der Vogelweide to the present day. Echtermeyer's *Auswahl Deutscher Gedichte* and *The Oxford Book of German Verse*. Alternative: THE GERMAN ROMANTIC SCHOOL. Extra readings, with abstracts in German, are assigned. *Open to Classical juniors and Latin-Scientific sophomores.* *Prerequisite, 3-4, or the equivalent in entrance German.*

6. **Masterpieces of Historical Tragedy.** Especially those of the classical period: Schiller's *Don Carlos* and *Wallenstein*; Goethe's *Egmont*. Modern plays by Grillparzer, Hebbel, and Wildenbruch.

7. **Goethe.** Life and works, centering in *Faust* I and II. *Open to Classical seniors and Latin-Scientific juniors.* *Prerequisite, 5-6.*

8. **Lessing.** Plays and Prose Works. Lewisohn's *German Style*.

9-10. **History of the German Language and Literature.** German lectures and essays. Selected readings from Middle High German and sixteenth century literature. History of the language, etymology and phonology. *Open to juniors and seniors who have completed 3-4.*

ROMANCE LANGUAGES

French

PROFESSOR SHEPARD

ASSOCIATE PROFESSOR SUPER

1-2. **Elementary French.** Grammar, including careful drill in pronunciation, easy reading, composition, conversation, dictation. The oral method is used extensively and as early as possible. *Required of Latin-Scientific freshmen who enter without French. Elective for other students.*

3. **Intermediate French.** Reading of modern prose fiction, short stories, etc. Advanced composition. Continued practice in dictation and conversation, based on the texts read. *Prerequisite, 2.*

4. **Modern French Comedy.** Rapid reading of selected plays; writing of abstracts, and conversation based on texts read. Special attention to pronunciation and to reading without translating. *Prerequisite, 3.*

Courses 3-4 are required of sophomores who have taken 1-2 as freshmen, and of Latin-Scientific freshmen who present French for entrance.

5. **French Tragedy.** Corneille to Rostand. Reading in class of selected plays of Corneille, Racine, Hugo, and Rostand. Many others

are assigned for outside reading. *Résumés* and critiques in French of assigned outside reading; lectures in French on the history of tragedy. *Prerequisite*, 4.

6. French Comedy. Molière to Dumas *fils*. Reading in class of selected plays of Molière, Beaumarchais, Marivaux, Musset, Augier, and Dumas *fils*. *Résumés* and critiques in French of assigned outside reading; lectures in French on the history of comedy. *Prerequisite*, 5.

7. Modern Prose Literature. Descartes to Renan. Reading and *explications* in French of selected texts from the chief modern prose authors. Study of the development of French prose, with Lanson's *Histoire de la littérature française* as a foundation. Outside readings, *résumés*, critiques, and lectures. *Prerequisite*, 6.

8. French Poetry. Villon to Verlaine. Reading and *explications* in French of selected texts from the chief French poets, with *The Oxford Book of French Verse* as foundation. Study of French versification and of the development of lyric and narrative poetry. Outside readings, critiques, and lectures. *Prerequisite*, 7.

9. Romance Philology. Introduction to the comparative and historical grammar of the Romance languages, with special attention to Old French and Provençal. Reading of selected texts. *Prerequisites*, French 6, Latin 4.

10. Medieval Literature. Reading of selected extracts, and comparative and historical study of the lyric and narrative poetry of the Middle Ages, especially in Old French and Provençal. Special attention to the Carolingian and Arthurian cycles, their origin and diffusion from the earliest times down to Tennyson and Wagner. *Prerequisite*, 9.

Spanish

ASSOCIATE PROFESSOR SUPER

1-2. Elementary Spanish. Pronunciation, inflection, the laws of syntax and their application. Translation of simple prose; writing from dictation; oral and written exercises in composition. *Open to juniors*.

3-4. Advanced Grammar and Modern Prose. Continued practice in composition, dictation, and oral drill. Translation and sight reading, with constant reference to morphology and idiom in connection with the text. Representative works of such authors as Cervantes, Alarcón Galdós, Valera, Valdés. *Prerequisite*, 1-2.

Italian

PROFESSOR SHEPARD

1. **Introduction to Modern Italian.** Grammar, composition, rapid reading. The object of this course is the acquisition of a reading knowledge of modern Italian. Manzoni's *I promessi sposi* and selected short stories are used as texts. *Open to seniors. Prerequisite, French 4, Latin 4.*

2. **Introduction to the Study of Dante.** Reading of the *Vita Nuova* and of selected *canti* of the *Divina Commedia*, with much outside reading, including a study of Dante and his times, especially his relation to earlier poetry, Provençal and Italian, and to the religious and political thought of the Middle Ages.

ENGLISH LANGUAGE

PROFESSOR RISTINE

1. **Anglo-Saxon.** An introduction to the language and literature of England before the Norman Conquest. Bright's *Anglo-Saxon Reader* is the basis of study, accompanied by lectures on the history, structure, and vocabulary of the English language. *Open to juniors and seniors who have studied German.*

2. **Middle English.** Chaucer, his century, and his contemporaries. *The Canterbury Tales* are read, parts of the *Troilus and Criseyde* and the minor poems, and selected texts illustrating the various Middle English dialects and literary types. *Prerequisite, I.*

HEBREW

PROFESSOR IBBOTSON

1. **Elementary Grammar and Reading.** Exercises in translation from English into Hebrew. Selections from *Genesis*. Harper's *Hebrew Method and Manual*, and *Elements of Hebrew*. *Open to seniors.*

2. **Historical Prose.** Hebrew syntax. Chapters from *Ruth*, *Samuel*, and *Kings*. Kittel's *Biblia Hebraica*. Brown, Briggs, and Driver's *Hebrew Lexicon*.

Group B

ETHICS AND APOLOGETICS

PRESIDENT STRYKER

1-2. Biblical Study. The history of the English Bible and the study of the origins of the Bible, that is, the outline of its growth and moral sequence. A portion of the time may be given to instance work in method of interpretation of the actual text. *One hour.* *Required of freshmen.*

3-4. Ethics and Christian Evidences. First term: The history of ethical theory; its central importance; the basis of moral obligation; the resultant duties to God and to man; the interpretation of conscience; the moral purpose to be sought in the whole complex of society. A text-book is used. Second term: The religious argument from the natural creation, and the evidences of Christ's portrayal in Holy Scripture and his revelation in history as the Divine Redeemer of the world. *One hour.* *Required of seniors.*

RHETORIC AND ORATORY

PROFESSOR LEWIS

ASSISTANT PROFESSOR MARSH

Public speaking in some form is required of every student from the time he enters until he graduates. Theme-writing extends through the first two years; and during the last two, composition, oral and written, is continued in discussions, orations, and debates.

It is believed that the mastery of English cannot best be taught by written method alone. Since the language of daily life is mainly oral, the greater part of the instruction in it should also be oral rather than written. The most recent movement in the pedagogy of English is towards this idea, long incorporated in our practice.

All courses in this department, except Writing English 5-6, are required, and all are one-hour courses unless otherwise stated.

Writing English

1. Freshman Writing English. The study and application of the elementary principles of English composition. The technique of writing. Weekly themes.

2. Freshman Rhetoric and Writing English. A continuation of 1, together with the study of rhetoric. *Three hours a week.*

3-4. Sophomore Writing English. Advanced study and practice. Weekly themes.

5-6. Advanced English Composition. This course is for ten selected seniors, who under supervision criticise freshman themes (Writing English 1-2). Each has a group of six to eight freshmen for whose themes he is largely responsible. There is a conference over each piece of writing. The results of this work are subject to revision by the instructor. The meetings of the class are occupied with discussions of special forms of writing, and considerable practice work in each form is done. This course is useful for men who are planning to teach English or to become journalists. *Three hours.*

Public Speaking

1. Elements of Public Speaking. The production and control of the voice, vowel and consonant sounds, the correction of vocal faults. The voice in speech: articulation, pronunciation, force, rate, pitch, timbre, emphasis, inflections, delivery, phrasing. Personality in speaking: physical interpretation, gesture, action. Short speeches (125-200 words) every two weeks. *Two hours, first term freshman year.*

3-4. Freshman Declamation. Each freshman appears three times during the year with a prose declamation 350-400 words in length. Three drills are required for each appearance.

5-6. Sophomore Declamation. Each sophomore appears once each term with a prose declamation 350-400 words in length. Two drills are required for each appearance. The second declamation may be original.

7-8. Junior Declamation. Each junior appears each term with an original short speech about 400 words in length. One drill is required for each appearance.

9-10. Junior Discussions. Original argumentative orations, 700-900 words in length, on approved propositions, affirmative and negative. Each junior appears once a term. No drills required.

11-12. Senior Orations. Each senior appears once each term with an original oration on an approved subject, 800-1000 words in length. No drills required.

13. Sophomore Debate. Classroom study of the theory of argumentation and debate, including the analysis of propositions, methods of proof and rebuttal, briefing, and platform practice.

14. Sophomore Debate. Classroom debates from briefs made in 13.

15-16. Junior Debate. Advanced classroom debates.

17-18. Parliamentary Law and Debate. At the beginning of senior year five weeks' instruction in parliamentary law is given. After this, class-room debates are resumed and continue through the year.

ENGLISH LITERATURE

PROFESSOR RISTINE

ASSISTANT PROFESSOR MARSH

1. General Introduction to English Literature. A rapid survey of the facts of English literary history from the beginnings to the nineteenth century, supplemented by outside reading, and accompanied by classroom study of Beowulf (in translation), Spenser, Milton, and Pope.

2. Chief British Poets of the Nineteenth Century. Special study of Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning, and others. Lectures, recitations, and essays. *Prerequisite, 1.*

Courses 1-2 are open to all who have completed the freshman year and prerequisite to all further work in English literature.

3. English Literature in the Seventeenth Century. The work includes the seventeenth century lyric; the prose of Milton, Bunyan, Browne, and others; the work of Dryden; with special stress on the social and political conditions of the time. *Prerequisite, 1-2.* (Not offered in 1915-16).

4. English Literature in the Eighteenth Century. Study of selected masterpieces from the Augustan writers, with wide outside reading in the literature of the century. Special attention to the development of modern prose style, the rise of the periodical essay and the pamphlet, and the beginnings of the novel. *Prerequisite, 3.* (Not offered in 1915-16).

5. The Romantic Period of English Literature. The poets and prose writers concerned in the revival of imaginative literature between 1798 and 1832, particularly Wordsworth, Coleridge, Lamb, Hazlitt, and DeQuincey. *Prerequisite, 1-2.*

6. The Victorian Era of English Literature. A study of as many of the Victorian writers as time permits—Macaulay, Carlyle, Mill, Arnold, Tennyson, the Brownings, Newman, Ruskin—with a course of outside readings in the nineteenth century novel. *Prerequisite, 5.*

7-8. Shakespeare and the Elizabethan Drama. Shakespeare is the center of study for the year. All the plays are read, with critical study of certain dramas representative of the different stages in the development of his art. Lectures on the history of the drama from the beginnings to 1642; collateral reading in the minor Elizabethan playwrights. Library topical work and practice in handling original sources. Term theses required. *Open to seniors who have completed with credit at least one year-course in this department.*

For Anglo-Saxon and Middle English, see under English Language.

PHILOSOPHY

PROFESSOR SQUIRES

1. Psychology. A general introduction to the study of philosophy and pedagogy. The elements of descriptive, physiological, and genetic psychology. Text-book, lectures, and reports on assigned readings.

2. Logic. Deductive and inductive logic, with rules of evidence as formulated by such writers as Greenleaf or Stephen.

Courses 1-2 are open to all who have completed freshman year.

3. Plato to Kant. The problems of philosophy from Plato to Kant. Lectures, papers, and readings from sources.

4. Kant to Spencer. The modern schools of philosophy from Kant to Spencer, with emphasis on the metaphysics and aesthetics of the period, and the relation of philosophy to current belief.

5. Current Problems in Philosophy. Studies in pragmatism, idealism, realism; in social, abnormal, and experimental psychology; and in advanced logical theory. *Prerequisite, 3-4.*

6. Philosophical Classics. The reading of Kant's *Critique of Pure Reason*, Locke's *Essay Concerning Human Understanding*, Schopenhauer's *The World as Will and Idea*; or American philosophical writers. *Prerequisite, 5.*

7. Pedagogy. The history, science, principles, and theory of education. *Open to seniors. Prerequisite, 1-2.*

8. Pedagogy. The practical problems of education, including methods, teaching, and the reading of educational classics. *Prerequisite, 7.*

Teachers' Certificate. Under the rules of the New York State Education Department, a "Professional Certificate," valid for three years, is granted to a graduate of an approved college. At the end of

three years' successful experience in teaching, a "College Graduate Certificate" will be issued, valid for life. This exempts from further examination, except in certain cities. A student who desires this certificate must complete the course in pedagogy approved by the Education Department.

HISTORY

European History

1. Medieval History. General survey of the history of Western Europe from the fall of Rome to the Renaissance. Special attention to the graphical representation of historical periods. Lectures, frequent tests, and reports upon assigned topics.

2. Modern History. From the middle of the fifteenth century to the French Revolution. Special attention to the European background of American history.

Courses 1-2 are open to all who have completed freshman year.

3. History of England. From the earliest times to the close of the American Revolution. In connection with political history special attention is given by synchronological outlines to the literature of each period and to the growth of constitutional government. *Prerequisite, 2.*

4. History of the Nineteenth Century. The French Revolution and its results. The reconstruction after the fall of Napoleon, and the development of modern Europe. *Prerequisite, 3.*

American History

PROFESSOR WOOD

5. American History to 1789. The European background of colonial enterprise. The causes and character of colonial activity. A study of the colonizing systems of Spain, France, and England. The growth and predominance of English institutions in America. Trade and industry as causes of independence. *Open to juniors. Recommended preparation, 1-2.*

6. American History, 1789-1877. Political history of the United States from 1789 to 1877, and briefly of Latin America. Development of trade and industry. Territorial expansion. Evolution of democracy. Slavery and reconstruction. *Prerequisite, 5.*

7. American History, 1877-1915. Industrial reorganization and expansion. Civil service reform. The tariff. Public control of railroads and industrial corporations. The Spanish War and the Empire

of the United States. Constitutional changes. Development of Latin America. *Prerequisite*, 6.

8. The International Relations of the United States. America as a world-power. Laws governing the relations of states. The Monroe Doctrine, past and present. Relations of the United States, past and present, to Latin America, to European leagues, and to the Far East. The Hague conferences and the World-State. The peace movement. *Recommended preparation*, 5, 6, and 7.

9. American Constitutional Government. The frame of government, national, state, and local. Parties and their actual working. The influence of social, educational, and business organization upon government. Origin and development of representative government. *Open to seniors. Recommended preparation*, 5-6.

Courses 7-8, 9-8, or 9-10 form each a year-course.

10. American Politics and Constitutional Law.

(a) Seminar for the study and discussion of important current problems in politics. *Prerequisites*, *History 9 and Economics 2, 3. Open to seniors who are approved in advance upon the basis of their standing and quality in the Departments of Economics and History. One and one-half hours first term. Professor Davenport.*

(b) Reports and discussions on the great constitutional decisions of the Supreme Court. Current constitutional problems. A text-book on constitutional law is used. *Prerequisite*, 9. *One and one-half hours second term. Professor Wood.*

(c) Comparative government. Study of European and colonial governments in comparison with that of the United States. *Prerequisite*, 9. *One and one-half hours second term. Professor Wood.*

Any two divisions of course 10 together with History 9 constitute a year-course.

ECONOMICS, SOCIOLOGY, LAW, AND POLITICS

PROFESSOR DAVENPORT

ASSISTANT PROFESSOR CLARKE

1. Sociology. An introductory and interpretative course, especially related to history, economics, politics, and law.

2. Economics. An introduction to economic theory, with special studies of important economic questions.

Courses 1-2 form a year-course. Open to juniors.

3. Advanced Economics. The growth and development of industry and commerce in the United States. Tariff, finance, labor, and monopoly problems are treated in detail. *Prerequisite, 2.*

4. Public Finance. Emphasis upon expenditure, taxation, the public debt, and the budget. The point of view is American; but American practice is constantly compared with that of other leading nations. *Prerequisite, 3.*

5-6. Law. The elements of law and applied principles of economics and law. First term, the topics covered include the sources, nature, and development of law, the characteristics of the common law and of equity, procedure in common law and in equity, the rights of the person and property rights, contracts, agency, bailments. Collateral reading from Blackstone's *Commentaries* and Holland's *Elements of Jurisprudence*. Second term, the fundamental principles of the law of corporations, with the particular study of American railway law as a pertinent example of the development of legal control through discussion and public opinion. Lectures are accompanied with the study of typical cases throughout the year. *Open to all seniors.*

American Politics. A seminar for the study and discussion of important current problems in politics. Information regarding the hours and credit for this work is given under History 10. *One and one-half hours first term.*

Group C

MATHEMATICS

ASSOCIATE PROFESSOR CARRUTH
ASSOCIATE PROFESSOR BROWN

1. Algebra. Graphical representation, complex numbers, theory of equations, determinants, partial fractions, continued fractions, inequalities, permutations and combinations, probability. Text-book: Rietz and Crathorne's *College Algebra*.

2. Trigonometry. Theory and use of logarithms, definitions and relations of the trigonometric functions of acute angles and of angles in general, the solution of right and oblique triangles.

Courses 1-2 are required of all freshmen except those who enter with four units of mathematics.

3. Analytic Geometry. An elementary course in plane analytic

geometry. Cartesian and polar coördinates, simple curve-tracing, study of the straight line and conic sections. *Prerequisite, 1-2.*

4. Differential Calculus. Differentiation of algebraic and transcendental functions. Simple applications to algebra, geometry, and mechanics. *Prerequisite, 3.*

5. Calculus. Technique of integration. The definite integral, and applications to geometry and mechanics. Further study of differential calculus, including change of variable, partial differentiation, expansion of functions. *Prerequisite, 4.*

6. Analytic Geometry. Analytic geometry of three dimensions, including a brief discussion of quadric surfaces. Applications of calculus to analytic geometry of two and three dimensions. *Prerequisite, 5.*

7. Projective Geometry. Elementary synthetic geometry, involving ranges of the first and second order, and constructions. *Prerequisite, 3.*

8. Differential Equations. The solution of the simpler types of differential equations, with applications to physics. *Prerequisite, 5.*

BIOLOGY

PROFESSOR MORRILL

1-2. General Biology. The observation of living organisms representing the great groups of plants and animals, together with the study of their structure, is used as an introduction to the phenomena of life. After the general study of both plants and animals, attention is focused on animal biology, followed in the second term by the study of plant biology. In the laboratory and lectures emphasis is placed on the function and form of organs as dependent on each other, and on the laws of living organisms.

Courses 1-2 require two hours in the lecture room and four hours in the laboratory each week, but are reckoned as three-hour courses. *Prerequisite to all later courses. Laboratory fee, \$15.*

3. Zoology. The study of examples of the invertebrate animals is followed by the study of the anatomy of the cat, as a representative vertebrate. This course is valuable as a preparation for the study of comparative anatomy, psychology, or medicine. *Prerequisite, 1-2.*

4. Embryology of Vertebrates. The study of the development of the frog and the chick, supplemented by that of an elasmobranch

and a mammal, gives an opportunity to trace the growth of the organs of the body, and serves as an introduction to microscopical technique. *Prerequisite, 3. Laboratory fee for 3-4, \$15.*

5. Elementary Bacteriology. A familiarity with the methods of bacteriology is secured by the study of non-pathogenic bacteria and by an introduction to the technique of water and milk examination. *Prerequisite, 4.*

6. Histology and Physiology. The minute structure of the organs of vertebrates as a basis for the study of physiology. The phenomena of motion, secretion, and excretion, are considered. *Prerequisite, 5. Laboratory fee for 5-6, \$15.*

CHEMISTRY

PROFESSOR A. P. SAUNDERS

All courses in chemistry require two hours in the lecture room and four hours in the laboratory each week, but are reckoned as three-hour courses. The laboratory fees are \$10 each term.

1. Elementary College Chemistry. A thorough discussion of the fundamental laws and theories of chemistry, together with a study of the gaseous elements and a few of the metals. In the lecture room special emphasis is laid on chemical calculations, and in the laboratory a considerable number of quantitative experiments are made, to illustrate the laws of combining proportions, etc.

2. College Chemistry. A study of elements not taken up in 1. Chemical calculations. The periodic system of the elements. *Prerequisite, 1.*

3. Qualitative Analysis. Theory of solution. Application of the ionization theory to analytical procedure. *Prerequisite, 2.*

4. Quantitative Analysis. Study of selected typical gravimetric and volumetric methods. *Prerequisite, 3.*

5. Organic Chemistry. Aliphatic compounds. *Prerequisite, 2.* (Not offered in 1915-16.)

6. Organic Chemistry. Aromatic compounds. A part of the course is devoted to the chemistry of nutrition, agricultural chemistry, or other selected special topics. *Prerequisite, 5.* (Not offered in 1915-16.)

Courses 5-6 alternate with 3-4 in successive years.

PHYSICS

PROFESSOR S. J. SAUNDERS

1. **Mechanics and Heat.** Lectures and recitations. *Open to juniors and seniors.*

2. **Sound and Light.** Lectures and recitations. *Open to juniors and seniors.*

3. **Electricity and Magnetism.** Lectures and recitations. *Open to juniors and seniors. (Not offered in 1915-16.)*

4. **Electricity and Magnetism.** Lectures and recitations. *Prerequisite, 3. (Not offered in 1915-16.)*

Courses 1-2 alternate with 3-4 in successive years.

5. **Descriptive Astronomy.** Lectures and recitations. *Open to seniors.*

6. **General Laboratory Practice.** Quantitative work with written reports and discussions of the results of the experiments. *Prerequisite, 1-2 or 3-4. Laboratory fee, \$4.*

GEOLOGY AND MINERALOGY

ASSISTANT PROFESSOR DALE

1-2. **Physiographic and Dynamic Geology.** The description, origin, and evolution of the earth's relief features. The dynamic forces now at work which are responsible for the present configuration of the earth's surface. Physiographic response to man. The interpretation of topographic maps. Lectures, recitations, and field trips. Classroom work illustrated by lantern slides, charts, maps, and photographs. *Open to juniors.*

3-4. **Structural and Historical Geology.** The materials of the earth's crust and their arrangement. Ore deposits. The history and evolution of the earth and its inhabitants from the earliest time to the present. Lectures, recitations, laboratory work, and the reading of abstracts. Field trips in the vicinity of Clinton and to neighboring localities classic in geological literature. *Prerequisite, 1-2.*

5-6. **Mineralogy.** First term, the general principles of mineralogy, including crystallography and the physical and chemical properties of minerals. Second term, descriptive and practical determination of one hundred common and commercially valuable minerals. Lectures on minerals and ores of special scientific and economic importance. *Labor-*

atery fee, \$3 for the year. Open to seniors. Prerequisite, Elementary Chemistry.

PHYSICAL EDUCATION

ASSISTANT PROFESSOR D. CHASE

1-2. Hygiene and Physical Training. Personal and public hygiene, including lectures on the care of the body, sex instruction, general and corrective exercises, ventilation, home and village sanitation, with special attention to New York State needs and laws. Practical work in gymnastics throughout the year. Outdoor group games and athletics and work in the gymnasium, calisthenics, the use of apparatus, Indian clubs, dumb-bells, wands, etc., with special leadership training. *Required of freshmen. Three periods a week for the year. One-hour credit.*

3-4. Physical Training. Advanced work on heavy apparatus and special gymnastic drills. *Required of sophomores and elective for juniors and seniors. A student whose work is unsatisfactory must repeat the course or otherwise make up the deficiency. Two periods a week from November 15 to Easter Recess.*

ADMINISTRATIVE RULES

1. Standing and Delinquency

(a) GRADES. All grades are on a scale of ten. Each absence from a classroom exercise in excess of the regular allowance for the course counts as a zero in scholarship record. An instructor may require any classroom work lost by absence to be made up. Standing in any course is based upon term grade and examination grade. In a three-hour course the term grade counts as 50, the examination grade as 15; in a two-hour course the ratio is 30 to 15, and in a one-hour course the ratio is 15 to 10, the unit being a single recitation.

Each successful prize competitor and each appointee for Prize Declamation, Prize Debate, or Clark Prize competition receives credit as for twenty perfect recitations. Other competitors may receive fifteen, ten, or five "perfects," as their work deserves.

On the basis of scholarship for the year, four groups are formed of each class: (i.) High Honor, those whose average is 9.2 or over; (ii.) Honor, those whose average is 8.6 to 9.2; (iii.) Credit, those whose average is 8 to 8.6, and (iv.) those whose average is less than 8.

(b) REPORTS OF STANDING. Numerical grades are not made public; but annually, in September, the high honor, honor, and credit men of each class are announced to the College. A student's parent or guardian is notified in September as to the scholarship group to which the student belongs, and at the end of each term if the student has any delinquency. He may further be notified at the middle of the term if the student's work in any course is unsatisfactory.

(c) DELINQUENCY OF FAILURE. A delinquency of failure is a failure to attain a term grade of 5 in a course, or to attain a grade of 6 in a required examination. A student who fails to attain a term grade of 5 in a course is excluded from the regular examination of that course.

A delinquency of failure may be removed by passing an examination on a regular delinquent day. If this is not done before the course is next offered, the student must repeat the work in class as an extra subject. Failures and delinquencies in Tuesday and Saturday rhetoricals may be satisfied on the first Tuesday or Saturday chapel of first term, the first of second term, or the first after Easter recess.

(d) DELINQUENT EXAMINATIONS. Delinquent examinations are held at specified hours on the day preceding the opening of first term, on the eighth day of second term, and on the final day of Easter recess.

A student due for not more than two examinations may report on these days only. If due for more than two examinations he may (provided he has taken two on delinquent day) report on this same day to the instructor concerned for appointment, not later than the third succeeding day, in any remaining subject. The delinquent examinations of the Easter recess, however, are confined to one day.

(e) DELINQUENCIES AMOUNTING TO TEN HOURS. A delinquency of failure in a course of a given number of hours is reckoned as a delinquency of that number of hours. A delinquency of attendance (see 3, a) is reckoned as a delinquency of two hours. Whenever a student's delinquencies amount to TEN HOURS he is dropped from his class. He may in no case return to the class from which he was dropped. He may re-enter college in a lower class; but to be re-admitted he must be free from all conditions and failures up to the point at which he re-enters. A student may be dropped from college at any time for general neglect.

(f) DELINQUENCIES OF SENIOR YEAR. Delinquent or postponed examinations of first term senior year, if not passed at the opening of second term, must be taken on the Easter delinquent day. If a senior fails at this time he is given a final opportunity, not later than the last Tuesday of the year, to remove the delinquency. He is given a similar final opportunity to remove delinquencies of failure incurred in second term.

To be recommended for a degree with his class, a senior must, by the end of the year, have passed all his required examinations, have removed all previous delinquencies of attendance, and have incurred no delinquency of attendance in his final term.

A senior who fails to receive a degree with his class may be examined only upon a subsequent delinquent day. When he has passed all examinations he will be recommended to receive his degree at the next commencement. A senior who fails to receive a degree with his class by reason of a delinquency of attendance will ordinarily be recommended for a degree at commencement one year later.

(g) POSTPONED EXAMINATIONS. Examinations postponed by permission of the Faculty are subject to the regulations governing delinquent examinations; and if not passed before the course is next offered, the student must repeat the work in class as an extra subject.

(h) HONORS AND PRIZES. To be eligible for a department honor, a student must have passed any postponed examination in a course required for the honor within a year from the time the course was begun in class. To be eligible for any prize examination, writing competition, or appointment to a prize contest, a student must have his record free from all postponed examinations and all delinquencies, either of failure or of attendance. An appointee for any competition who fails to attain a term grade of 5 in any course is thereby disqualified.

2. Allowance of Absence

(a) A student, if without delinquencies or entrance conditions, has for each term the following allowance of absence from the assigned exercises in each department:

Morning chapel, 12; each exercise of one hour a week, 2; of two hours, 3; of three hours, 5; Biology, 1-2, and all courses in Chemistry, 6. All absences are counted double if taken in the four days just before or after any vacation or any recess, or in the two days just before or after any holiday.

(b) This allowance of absence includes neither rhetorical appointments, nor formal reviews, oral or written. It is primarily meant to cover incidental illness; a student uses it otherwise at his own risk. The relation of protracted sickness (ordinarily such as exceeds the term's total allowance) to college standing and to prize competition will be dealt with by equity rather than by precise rule. A "warning" for misconduct takes away for that term all privilege of allowed absence.

3. Delinquency of Attendance and Minimum Allowance

(a) A student who has full allowance of absence and exceeds this in a given term incurs a two-hour delinquency of attendance. In the reckoning of absence, one excess will be offset by two credits of unused allowance in other exercises. Until the removal of his delinquency of attendance a student has only minimum allowance of ten absences in the term, distributed at his option, but subject to the rule concerning zeros in scholarship record (see 1, a). He may remove a delinquency of attendance by not exceeding his minimum allowance in a subsequent term, and in no other way. If he exceeds his minimum allowance by more than five absences, he incurs an additional two-hour delinquency of attendance.

(b) A student who has a delinquency in scholarship or an

entrance condition, also receives only minimum allowance of absence. If he exceeds this minimum by more than five absences in the given term, he receives a two-hour delinquency of attendance.

(c) A student who has been granted "relief from zeros" because of protracted sickness, in the following term has only minimum allowance; but a delinquency of attendance is not imposed if his further absences have not exceeded five. One who on the Easter delinquent day removes all delinquencies of scholarship and has no delinquency of attendance, receives a further allowance of ten absences for that term.

4. Excuses

(a) Permission for definite anticipated absence in representation of any college organization, athletic, musical, etc., must be sought through the Dean not less than three days in advance. Such plans are subject to consideration and report by the faculty Committee on Undergraduate Activities, and must be duly authorized by the Faculty before definite engagements are made. No student will be excused as a member of an athletic team or other college organization who has a delinquency, or whose absence would, in the opinion of the Faculty, be detrimental to his work; nor may a student play in any match game who has more than one delinquency. A freshman having a condition is not eligible to membership in the football squad. Two students only may be excused, in advance, as delegates to meetings of societies and other college organizations. For such an excuse a written request must be presented through the Dean, signed by the proper officers, stating the names of the proposed delegates, the place and date of meeting, and the minimum of time needed. Extra excuses for all these purposes shall not extend a student's allowance of absence in any exercise in the first term more than two, and in the second term more than three, beyond the regular allowance.

Applications to the Dean for absence under exceptional necessity, or in order to vote, will be considered, strictly in advance, under the principles of this rule.

(b) All students are required to attend public worship each Sunday afternoon at four, in the College Chapel. Occasional excuses are not granted, but the President may excuse one who statedly conducts religious services elsewhere.

(c) Excuses from examinations are dealt with by the Faculty, but only upon written application presented through the Dean.

(d) No excuses other than those above described are granted.

HONORS AND COMMENCEMENT APPOINTMENTS

Department honors may be awarded at graduation in the following subjects or groups of subjects: Greek; Latin; German; French; Italian and Spanish; Writing English; Public Speaking; English Language and Literature; Philosophy; Ethics and Bible Studies; Economics; American History; Mathematics; Biology; Chemistry; Geology and Mineralogy; Physics. An honor requires the attainment of an average standing of 9.2 or better in the courses on which the honor is based, and a complete record of examinations in these courses. Usually all the work offered by a department must be taken; but no student is required to repeat in college a course accepted for admission to the freshman class, nor to take more than four year-courses in Greek, German, French, or English Language and Literature (including English Language 1-2). In Philosophy, courses 7-8 are not reckoned in the honor, and in American History any division of course 10 may be omitted. In Writing English a student must take all the courses offered,

and must submit an acceptable prize essay in each of the first three years and an acceptable Pruyn, Head, or Kirkland Oration in senior year. In Public Speaking a student must be an appointee to the Clark Prize Oration contest or to the McKinney Prize Debate.

The names of seniors who have high honor, honor, or credit grades for the senior year and for the entire course are announced at the final chapel of the year. The Valedictorian and the Salutatorian are the two members of the graduating class who have attained, respectively, the highest and the next to the highest standing for the entire course.

Commencement speakers are: the Clark Prize Orator; the Pruyn Medal, Head Prize, and Kirkland Prize Orators; the Salutatorian and the Valedictorian; and the Master's Orator. If any one of these is not appointed, or if two appointments fall to one person, the Faculty may appoint others, not exceeding seven in all, from men of high honor grade and excellent rhetorical record.

DEGREES

The Classical Course leads to the degree of Bachelor of Arts; the Latin-Scientific Course to the degree of Bachelor of Philosophy. The degree of Bachelor of Science may be conferred upon one who has taken the entire work of at least two departments in Group C. The Bachelor's degree, *nunc pro tunc*, may be conferred upon a former student who, since leaving college, has pursued a scholarly career sufficiently distinguished to justify the degree. It is not conferred *in absentia*; the fee is \$10, payable in advance.

The Master's degree may be conferred upon graduates of Hamilton, or of another college with equivalent courses, for residence work of one year. A candidate for this degree must pursue work in two related subjects, in one of which he must submit an approved thesis. His studies and the subject of his

thesis must be reported to the Faculty early in first term. He must successfully meet the term examinations in his subjects and at the end of the year an oral examination before a committee of two members of the Faculty. Bachelors not in residence but otherwise fulfilling these conditions may receive the Master's degree in two years upon payment of regular tuition. Graduates of three years' standing who have continued in study may receive the Master's degree corresponding to their previous degree upon application to the President early in May. They should be present at commencement to receive their degrees in person. They are represented in the commencement exercises by a Master's Orator, appointed by the Faculty. The fee for the Master's degree, in course, is \$10, payable in advance.

Honorary degrees are conferred only upon those who, having accepted advance notification, are present in person to receive them.

FELLOWSHIPS, SCHOLARSHIPS, AND PRIZES

FELLOWSHIPS

THE Root FELLOWSHIP. The twenty-first appointment to the Fellowship in Physical Science, founded by the Hon. Elihu Root, D.C.L., '64, is offered under the following regulations:

The fellowship is awarded to a member of the graduating class who has shown marked ability and special aptitude for investigation in one of the departments of physical science. The whole fitness of the man enters into the estimate. Candidates are recommended by professors to the Faculty, who select by ballot, by a two-thirds vote, a nominee whom they refer to the Trustees for confirmation.

The appointment is for one year for study at some university in America or Europe to be approved by the Faculty after the award. If the Faculty see fit to make no nomination from the graduating class, they may recommend to continue the Fellow of the previous year for a second year only. The stipend of \$500 is payable in three equal instalments, in October, February, and May, subject to satisfactory proof of the Fellow's diligence and progress. Near the end of his appointment and before the third payment, the Fellow is required to make to the President a full written report, to be kept in the college records.

THE LOCKE FELLOWSHIP. The seventh appointment to the Fellowship in Greek, founded by Franklin D. Locke, LL.D., '64, is offered under the following regulations:

The fellowship is awarded to a member of the graduating class who has taken the entire course in Greek and has shown high ability. The whole fitness of the man enters into the estimate. It is expected, but not required, that the appointee will undertake the advanced study of Greek with a view to

teaching the subject; and this purpose is considered in making the award. The candidate is recommended to the Faculty by the senior Professor of Greek after conference with the President, and upon a two-thirds vote of approval by the Faculty is referred to the Trustees for their confirmation. If in any year no appointment is made, the interest of the foundation is added to the principal.

The appointment is for one year, for study at some university in Europe or America to be approved by the Faculty after the award. The stipend of \$500 is payable in three equal installments, in October, February, and May, subject to satisfactory proof of the Fellow's diligence and progress. Near the end of his appointment, and before the third payment, the Fellow is required to make to the President a full written report, to be kept in the college records.

SCHOLARSHIPS

General Regulations

There are ninety permanent endowments, which are administered so as to furnish to their incumbents tuition for three years, and for the third year of tenure "ordinary room rental" (\$9 a term) to incumbents who are lessees of dormitory rooms. A few of the scholarships are subject to special provisions.

Applications, which should be made to the President in writing, are considered in their order. The President must be personally assured of the fidelity and actual need of applicants. Ordinarily the benefits of these foundations are assigned to needy and meritorious students who have been orderly and diligent and who are without entrance conditions, postponed examinations of long arrears, or delinquencies. Scholarships are not granted to special students. If an incumbent is extravagant, or is guilty of any gross impropriety, or neglects to stand above mediocrity, the aid will be summarily withdrawn. This rule applies to all scholarships, including the prize scholarships.

The state of New York provides in each assembly district five competitive college scholarships, based upon standing in Regents' examinations, and yielding \$100 annually for four years. Successful competitors may enter any college within the state.

Approved candidates for the Christian ministry who need aid, may receive from \$80 to \$100 a year by placing themselves under the care of the Presbyterian Board of Education, the Congregational Educational Society, the Board of the Reformed Church, or other church authorities.

Scholarship Foundations

The amount of each foundation is \$2,000, unless otherwise stated.

25	Founded by Andrew Carnegie.	1	Richard S. Cowles.
1	Leavenworth (for a student of that name), \$10,000.	1	Lamberton and Merriam.
1	S. B. Steere (for a relative or for five others), \$10,000.	1	Alling and Ellinwood.
6	Laura Carter.	1	Roswell P. Flower.
5	Julia J. McCartee, Darling Memorial.	1	Kellogg and Clark.
5	William E. Dodge.	1	Marcus Judson, \$1,900.
2	S. H. Jardin.	1	Vischer and Nichols, \$1,748.
2	Marquand Estate.	1	Geneva Presbytery, \$1,700.
2	Thomas S. Hubbard, \$3,500.	1	C. C. Sheppard, \$1,500.
2	Horace B. Silliman, \$3,000.	1	William Burton, \$1,500.
1	Mrs. S. E. Baird, \$2,500.	1	John J. Knox, \$1,500.
1	Charles D. Gilfillan, \$2,500.	1	James Seymour, \$1,500.
1	John R. Terrett Memorial, by A. P. Sloane.	1	Carlton Rogers, \$1,000.
1	D. Willis James.	1	Powers and Mather, \$1,000.
1	Sylvester Willard Memorial.	1	P. Charles Cole, \$1,000.
1	Henry W. King.	1	Henry Duguid, \$1,000.
1	Mrs. James L. Bradley.	4	Soper Scholarships (for Rome scholars), \$10,000.
1	J. B. Wells.	1	Albert C. Phillips.
1	Alexander Folsom.	4	Melville E. Dayton Memorial (for Utica scholars).
1	Allen and McCall.	1	Mrs. Charlotte B. Sackett Memorial, \$10,000.
		1	Charles Holland Duell, \$10,000.

Three other scholarship foundations are semi-proprietary or reserved for increment.

The quadrennial Clarence A. Seward scholarship, yielding \$560, is awarded to some member of the Alpha Delta Phi Society under conditions set by its authorities.

Senior Prize Scholarships

Four prize scholarships of \$250 each will be awarded in the class of 1915 by vote of the Faculty at the close of junior year, as follows:

The twenty-eighth award of the Greek Scholarship maintained by the Hon. Frederick W. Griffith, '86.

The twenty-seventh award of the Memorial Edward Huntington Mathematical Scholarship founded by Alexander C. Soper, A.M., '67.

The twenty-first award of the Arthur W. Soper Latin Scholarship.

The fifth award of the German Scholarship founded by the Hon. Charles Holland Duell, LL.D., '71.

The awards are made in the order, first, of the values—should these vary—and, second, of the ages of the foundations. No student may be awarded more than one of these scholarships, and no one may at the same time hold any other scholarship.

Each scholarship is awarded to the student of highest standing in the department in which it is offered, unless another of these scholarships is already assigned to him. In this case the award is made to the next highest in the department who has not received an award. To be eligible a student must have taken all the courses of the department concerned up to the end of junior year, including prize examinations, and upon receiving an award must elect the courses of the department through senior year. Eligibility for the Griffith scholarship must include the Greek portion of the Curran Prize Examina-

tion, and for the A. W. Soper scholarship, the Latin portion of that examination. To receive the stipend, an appointee must complete senior year in this college and pay in full the college bills of that year.

Junior Prize Scholarships

TWO OREN ROOT PRIZE SCHOLARSHIPS. These scholarships, of \$100 each, are awarded to the two juniors who have the best record in mathematics during the freshman and sophomore years. To be eligible for the award a student must elect mathematics through junior year.

Freshman Prize Scholarships

FIVE FAYERWEATHER SCHOLARSHIPS. These scholarships, yielding tuition for freshman year, are awarded to the five men of each class who pass the best entrance examinations at the College in September upon fourteen and one-half units of secondary school studies, as specified under Requirements for Admission, provided there are five of satisfactory grade. Failure in any subject cancels an entrance certificate in that subject and imposes a condition. A competitor who incurs more than one condition in this way may not receive an award, and a competitor who incurs one condition may not receive the benefit until that condition is removed. Freshmen admitted in June may enter this September examination. Appointees to these scholarships are eligible to the Maynard and Brockway Entrance Prize competition (see "Prizes," 18, 19).

THE JOHN W. VROOMAN SCHOLARSHIP. This scholarship, yielding tuition for freshman year, is awarded to the candidate who in September passes, with a grade of 7 or higher, the best oral examination at the College upon the Greek text of the *Gospel of Luke* and upon Homer's *Iliad*, Books 1-3. The *Gospel of Luke* is accepted for entrance in place of Books 2-4 of the *Anabasis*. Approved certificates are accepted for Book

1 of the *Anabasis*, Greek prose composition, ancient history, and other specified parts of the preparation. To receive the award a candidate must enter without a condition. A competitor for this scholarship may also enter the Maynard and Brockway Entrance Prize competition (see "Prizes," 18, 19) by taking the examinations in the other subjects which he offers for admission.

PRIZES

Regulations Governing Prize Essays and Orations

Conditions of eligibility for any prize competition are stated in "Administrative Rules," 1, *h*.

All papers in any competition must be upon subjects assigned by the Faculty, and must be left with the President at a given day and hour. They must be typewritten upon one side of sheets about eight by eleven inches, with broad margins for binding. Pages must be properly numbered and fastened securely; they must not be rolled or folded. Each hundred words must be indicated by numbers in the margin. Each paper must be signed with a fictitious name, and accompanied by a sealed envelope similarly marked and containing the name of the author.

Papers not conforming to these requirements and papers submitted late will be returned to the writers without credit. Prize orations must not be published before they are spoken. Successful papers become the property of the Library.

Orations and essays are judged upon absolute as well as relative merit. Lack of competition does not prevent an award, nor does abundant competition assure an award if no competing paper merits it.

Prizes are conferred only upon those present to receive them on commencement day, unless excuses for absence have been granted by vote of the Faculty. Applications for excuse must be presented through the Dean in writing before the final Faculty meeting on Tuesday preceding commencement day.

Prize Foundations

1. CLARK PRIZE ORATION. A foundation of \$1,000, begun by Aaron Clark, of New York, and increased by Henry A. Clark, '38, of Bainbridge, furnishes a prize for the senior excelling in original oratory.

Competition is open to seniors who have had appointment as prize speakers and whose work has not subsequently deteriorated, and to that additional one-fifth of the senior class who have the next highest record in speaking in Tuesday and Saturday rhetoricals after the beginning of junior year. The list of those eligible is posted by the second Friday of December.

Orations may contain not more than fifteen hundred words, and must be left with the President before noon of the first day following the Easter recess. They are considered by the Reading Committee of the Faculty, who determine the six best orations, regardless of subject, provided there be six of sufficient merit. The names of successful competitors are announced at the morning chapel on the day following the award by the Faculty.

The orations are delivered on the Wednesday evening nearest to June 1. The prize is awarded by vote of the Faculty at the close of the exhibition, and is then announced.

2. PRUYN MEDAL ORATION. A foundation of \$500 by the late Chancellor John V. L. Pruyn, of Albany, furnishes a gold medal for the senior writing the best oration on "The Political Duties of Educated Young Men."

3. HEAD PRIZE ORATION. A foundation of \$1,000 by Franklin H. Head, LL.D., '56, of Chicago, Ill., furnishes a prize for the senior writing the best oration upon a theme relating to Alexander Hamilton.

4. KIRKLAND PRIZE ORATION. A foundation of \$500 by the late Mrs. A. R. Kirkland, of Clinton, furnishes a prize for

the senior writing the best oration upon a theme in Biblical science.

Orations submitted by competitors in Pruyn, Head, and Kirkland contests may contain not more than twelve hundred words, and must be left with the President before noon of the first day following the Christmas recess. They are considered by the Reading Committee of the Faculty, whose decision is announced early in second term. A senior may receive not more than one of these awards, though he may write on more than one subject. Each prize oration is delivered at the commencement exercises.

5. **McKINNEY PRIZE DEBATE.** A foundation of \$1,500 by the late Charles McKinney, of Binghamton, furnishes two prizes of \$50 and \$25 for seniors excelling in extemporaneous debate.

The proposition for debate is chosen by the Professor of Rhetoric and Oratory and submitted to the Faculty for approval not later than April 1. It is announced to the College at the next morning chapel following its approval.

The prize debaters are the six seniors whose average standing in argumentation and debate is highest for the entire course. The grades to be considered in choosing these contestants are reported to the Registrar at the end of the eighth week of second term. Within a week thereafter the Registrar presents to the Faculty the names of the six men eligible for appointment, and the announcement of their appointment is made at the next morning chapel after their approval by the Faculty. Within a week from this announcement the debaters meet the Professor of Rhetoric and Oratory and determine sides and order of speaking for the debate.

The Prize Debate is held on Friday evening of commencement week, at eight o'clock. Each debater on his first appearance may speak nine minutes; on his second, six. Notes may not be used in the debate. The award is made by a committee

of five, not members of the Faculty, and is announced at the close of the debate. In making the decision, the judges determine (1) the stronger side of the argument as presented, and (2) the best and the second best debaters. These receive the prizes of \$50 and \$25 respectively.

6. SOPER PRIZE THESIS. A foundation of \$1,500 by the late Arthur W. Soper, of New York, furnishes a prize of \$75 to the senior submitting the best thesis in advocacy of a protective tariff.

The thesis subject for each class is announced toward the end of sophomore year. Theses are not limited as to length. They must be left with the President before noon of the second Thursday in October of senior year. They are judged by a committee chosen by the Faculty from outside their own number. The decision is made public early in second term, and the prize is awarded upon commencement day, upon condition of the winner's graduation.

7. UNDERWOOD PRIZE IN CHEMISTRY. A foundation of \$500 by the late George Underwood, '38, of Auburn, furnishes a prize for the senior who excels in chemistry.

8. SOUTHWORTH PRIZE IN PHYSICS. A foundation of \$500 by the late Tertius D. Southworth, '27, furnishes a prize for the senior who excels in physics.

9. DARLING PRIZE IN AMERICAN HISTORY. A foundation by the late Charles W. Darling, of Utica, furnishes a prize of \$10 for the senior having the best full record in American History.

10. WARFIELD-BRANDT GERMAN PRIZE. By Frederick P. Warfield, '96, and in honor of Professor H. C. G. Brandt, a prize of \$50 is offered to senior competition for excellence in German.

11. TOWER PRIZES IN SPANISH AND IN FRENCH. By the Hon. Charlemagne Tower, LL.D., of Philadelphia, two prizes of \$50 each are offered to seniors for excellence in Spanish and in French respectively.

Each award is made on the basis of an examination in second term.

12. TOMPKINS MATHEMATICAL PRIZES. A foundation of \$1,200 by Hamilton B. Tompkins, A.M., '65, of New York, provides two prizes and four medals for juniors who excel in mathematics.

The award is made upon the basis of an examination early in June, involving the mathematics of sophomore and junior years.

13 and 14. CURRAN AND HAWLEY MEDALS IN LATIN AND GREEK. A foundation of \$700 by relatives of the late Col. Henry H. Curran, '62, of Utica, furnishes a gold medal and a silver medal for juniors who excel in classical studies. A foundation of \$500 by the late Martin Hawley, '51, of Baltimore, Md., furnishes silver medals, not exceeding four, for juniors who excel in classical studies.

The award of the Curran medals is determined by written examinations in Greek and Latin; the Hawley medals are given for excellence in the entire Greek and Latin work of a year. The competition in a given year is based upon courses 9-10 (or the alternative 11-12) in Greek, and 5-6 in Latin. The first opportunity to take these courses occurs in junior year; but any senior may enter the competition who in that year is pursuing the requisite courses in both departments.

15, 16, and 17. KELLOGG ESSAY PRIZES, COBB ESSAY PRIZE, AND HUTTON ESSAY PRIZE. A foundation of \$700 by the late Charles C. Kellogg, '49, of Utica, furnishes book prizes for two juniors, one sophomore, and two freshmen who excel in English essays. A foundation of \$500 by the late Willard A.

Cobb, '64, of Lockport, furnishes a book prize for the sophomore submitting the best essay upon some subject relating to the newspaper. A foundation of \$500 by the late William Hutton, D.D., '64, of Philadelphia, furnishes a prize of \$25 for the sophomore submitting the best essay on an assigned subject in Biblical history.

One subject is assigned for each prize offered. A competitor may write on more than one subject, but he may receive only one award in any year. An award does not bar a student from competing in a subsequent year.

Essays may contain not more than thirty-five hundred words, and must be left with the President before noon of the first day following the Easter recess. They are considered by a committee chosen by the Professor of Rhetoric and Oratory.

One prize may be awarded for each subject announced, provided there is a competing essay deserving an award; and honorable mention may also be made of a second best essay on each subject. Prizes are awarded on commencement day.

18. MCKINNEY PRIZE DECLAMATION. A foundation of \$700 by the late Charles McKinney, of Binghamton, furnishes book prizes for the two students in each of the three lower classes who excel in declamation.

Four contestants are annually chosen from each of the three lower classes upon the basis of their record in Tuesday rhetoricals up to the time of appointment. The competition is held in the College Chapel on the Thursday afternoon of commencement week. The award is made by a committee chosen by the Professor of Rhetoric and Oratory.

19. MAYNARD ENTRANCE PRIZE. By Reuben L. Maynard, A.M., '84, of New York, a prize of \$100 is offered to the freshman standing first among the successful competitors for the Fayerweather Prize Scholarships (see " Freshman Prize Scholarships ")).

The award is made upon the basis of the September entrance examinations, and is payable at the succeeding commencement on condition that the candidate has been regular and orderly, and has stood high honor for the year.

20. BROCKWAY ENTRANCE PRIZE. A foundation by the late Dr. A. Norton Brockway, '57, furnishes a prize of \$25 to the freshman standing second among the successful competitors for the Fayerweather Prize Scholarships (see "Freshman Prize Scholarships").

The award is made on the basis of the September entrance examinations, and is payable to the candidate upon the orderly completion of freshman year.

GENERAL INFORMATION

SITUATION

The College is located at the very center of New York State, in the county of Oneida, one mile from the village of Clinton. Nine miles to the northeast lies the city of Utica, on the main line of the New York Central, accessible from Clinton in forty-five minutes or less, both by trolley and by the New York, Ontario & Western railroad.

The College occupies a natural plateau nine hundred feet above the sea and three hundred feet above the immediate valley. Its campus is a park of ninety-five acres, shaded by venerable trees, with an easterly exposure, overlooking the Oriskany and Mohawk valleys. Its eighteen buildings, arranged in quadrangles, are modern and adequate, and with three exceptions are constructed entirely of stone. The naturally healthful conditions secured by the elevation and by air exceptionally pure and dry, are supplemented by a private water supply from spring-fed reservoirs above the College, and by an extensive system of sanitation, constructed in accordance with the best modern practice and officially approved by the state authorities.

BUILDINGS

Dormitories Three dormitories afford exceptional accommodations for the greater part of the student body. Carnegie Hall (1904) and South College (1906) together receive about 120 men. They are fire-proof and equipped with every modern convenience: steam heat, broad fireplaces, hardwood floors, electric light, and bath-rooms. North College (1842), now extensively improved, affords similar accommodations for 54 men at more moderate rental.

All rooms are arranged in suites, which are restricted to two or to three occupants. No deduction is made for occupancy less than that for which a suite is designated. Occupants provide their own furnishings; but full care of rooms is included in the rental. All rooms are leased only for the academic year, and the buildings are closed during vacations. Fuller details and the rules governing the leasing of rooms may be had of Professor S. J. Saunders, director of leases.

Science and Recitation Halls Three buildings are devoted to the work of the scientific departments. Root Hall of Science (1897) houses the departments of physics, mathematics, and biology, with an entire floor for each. The Chemical Laboratory (1903), a two-story stone building, is devoted exclusively to the department of chemistry. Knox Hall (remodeled 1885) contains the Museum of Natural History, with the lecture rooms and laboratory for mineralogy and geology. Benedict Hall of Languages (1897) and Truax Hall of Philosophy (1900) provide ample recitation rooms for all other departments of instruction. All buildings are lighted by electricity.

Chapel and Y. M. C. A. The Chapel (1828, enlarged 1897), occupying the central site on the campus, is the home of the religious life of the College. It contains a fine organ and memorial windows. Here are held public lectures and the commencement exercises. It is also the College Church. Silliman Hall (1889) at the west end of the campus accommodates the Young Men's Christian Association and furnishes a reading room and meeting place for the students.

Commons The Soper Commons (1903), a dignified Gothic dining hall, has accommodations for furnishing table board to two hundred students. It is the center of the

collective social life of the College. Here are held college dinners, large student gatherings, and the alumni luncheon at commencement.

Gymnasium and Athletic Field The Soper Gymnasium (1891, remodeled 1912) is equipped to afford complete facilities for indoor training. The ground floor contains the director's office, a large locker room with two hundred steel lockers, dressing rooms, showers, and a swimming pool. The main exercising room above is fitted with an oval running track, handball and basketball courts, and wall and floor apparatus. A physical examination is required of each student on entrance.

The Steuben Athletic Field, adjoining the main group of buildings, has tennis courts, football field, baseball diamond, a quarter-mile oval and a 220-yard straightaway track.

Observatory The Litchfield Observatory, endowed in 1866 by Edwin C. Litchfield, '32, won worldwide fame in astronomical science under the directorship of the late Dr. C. H. F. Peters. Here forty-eight asteroids were discovered between 1861 and 1889, and other original and invaluable work was done. The Observatory possesses a valuable equipment for astronomical work, but instruction in this science is badly handicapped, as the building is now obsolete. It awaits an endowment that will restore it to its former fame and usefulness.

Library The new Library, recently completed at a cost of \$100,000, is a substantial fire-proof building, well adapted to the needs of the college. It has a large reading room, 30 by 65 feet in size, with an open stack room adjoining, accommodating a selected students' library of about 10,000 volumes; a main stack room with a capacity of 125,000 volumes; several seminar rooms and studies for the use of stu-

dents and faculty; and a memorial hall containing the college collection of portraits and objects of historical interest.

The Library is open every college week-day from eight-fifteen to twelve-thirty, from one-thirty to six, and from seven to nine; and in vacations daily from eleven to twelve. Instruction is given to all new students in the use of the catalogues and reference books, and in methods of working in the Library. Under certain restrictions students are admitted to the stacks.

At present the Library contains about 63,500 volumes and 20,000 pamphlets. It is card catalogued both by authors and by subjects. About 225 current periodicals are received. Special endowments, supplemented by appropriations from the general funds of the College, provide for its growth. There were added 2,359 volumes during the year 1913-14. In the selection of books primary regard is given to the wants of the several departments of instruction; but recommendations for the purchase of books of general interest, or such as any student desires for his own reading, always receive attention and are acted upon favorably if possible.

SCIENTIFIC COLLECTIONS

The Museum of Natural History, located in Knox Hall, contains valuable scientific collections, the most important of which are classified as follows:

Geology and Mineralogy: 2,500 specimens of fossils and rocks to illustrate the geology of New York; 2,000 specimens of fossils and rocks to illustrate the geology of the United States; 600 fossils, mainly from the early paleozoic formations of Europe; 2,000 or more valuable specimens of fossils and minerals, the gift of John D. Conley, '69; 1,000 fossils mainly from the early paleozoic formations of New York, the gift of Egbert Bagg of Utica; 1,000 ores, building stones, and other minerals of economic value, from many important mining regions of the world; 10,000 minerals from many parts of the world, but especially from New York, largely accumulated by Dr. Oren Root, Sr. One special collection is named "The Oren Root Collection of New York

State Minerals," containing many unusual specimens, some of which are the finest known of their several kinds.

Biology: The Barlow collection, comprising 13,000 insects, presented by the late Hon. Thomas Barlow, of Canastota, supplemented by fine groups of birds and mammals; 500 other specimens of birds, well mounted and labeled; 3,000 land, fresh-water, and marine shells, accurately classified and arranged; a collection of Japanese shells and insects, presented by Rev. Henry Loomis, '66; the extensive Herbarium of the late Dr. H. P. Sartwell, of Penn Yan, well known as a fine exhibition of North American flora; a large and valuable collection of butterflies, presented by Benj. W. Arnold, '86, of Albany; three cases filled with modern sea-weeds, sponges, corals, star-fishes, crustaceans, etc.

In addition, there is a collection of about 2,000 Indian relics, especially arrow-heads, from many parts of the United States, and many miscellaneous objects of interest.

RELIGIOUS INSTRUCTION

The College, while under no denominational control, is distinctly Christian, and regards divine worship as a regular part of the life of its students. It avows its historic debt both to the Christian faith and to the patriotic devotion of its founders, and treats the devout recognition of God, revealed in His world and His word, as elemental and indispensable in the development of true manhood.

As a regular college exercise there is held in the Chapel each week-day morning at eight a brief service, with Bible reading, praise, and prayer. Each Sunday afternoon at four there is public worship, at which all members of the College are required to be present. Biblical instruction is a part of each student's course.

The Young Men's Christian Association maintains an active and influential life. Under its direction voluntary religious meetings and courses of special Bible study are conducted for each college class.

Every Christian man entering the College is urged to become

a member of the College Church, by letters either of commendation or of transfer. The Lord's Supper is celebrated once each term.

STUDENT ORGANIZATIONS

General Association for Undergraduate Activities

The following student organizations are included in the General Association for Undergraduate Activities: the athletic teams, intra-mural sports, the musical clubs, the dramatic club, the *Hamilton Literary Magazine*, and intercollegiate debating. The control of these various organizations is in the hands of a council or executive board of the General Association, consisting of three undergraduates, three members of the Faculty, and three alumni. A faculty member is treasurer, and through him all receipts and contributions from whatever source are received and all expenditures made.

Membership in the General Association is open to both undergraduates and alumni on the payment of an annual tax. This tax for undergraduates cannot be more than \$15. Payment of this fee is optional, but expected of every student who is able. Alumni become members by subscribing annually any amount they choose, in return for which they receive the *Hamilton Literary Magazine* gratis and an annual ticket of admission to all games and entertainments given by any of these college organizations, either at home or elsewhere. All games and entertainments on College Hill are free to undergraduates.

Literary Clubs

Several study clubs help to bring the members of the college community into closer personal touch. These, the German Club, the French Club, the Latin Club, and the English Literature Club, are directed by the heads of the departments concerned, and meet weekly or fortnightly.

Publications The student publications are *Hamilton Life*, a weekly; the *Hamilton Literary Magazine*, a monthly; and the *Hamiltonian*, the annual. The *Blue Book*, a handbook of general college matters, is distributed each fall by the Y. M. C. A.

EXPENSES

Annual college charges include the following:

FOR ALL STUDENTS

Tuition	\$90
Contingent charge.....	30
Undergraduate Activities (maximum tax). .	15

FOR RESIDENTS OF THE DORMITORIES

Room rent in

Carnegie Hall.....	\$84
South College.....	75
North College.....	40 to 50
Electric light, by meter, about.....	8

FOR BOARDERS IN COMMONS HALL

Board, \$5 a week.....	\$175
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Living expenses for students who room and board in society houses or elsewhere may vary slightly from the figures given above. The cost of furnishing dormitory rooms may be from \$30 to \$80 for each occupant. Laboratory fees are charged in some scientific courses, ranging from \$3 to \$20 for the year. The graduation fee is \$10. A student's additional expenses will necessarily be governed by his tastes, resources, and appreciation of the value of money.

All college bills, including bills for board in Commons Hall, are payable semi-annually in advance. The Trustees instruct the Bursar to report the names of all students who at the end of the tenth day of each term are delinquent in the payment of their fees, and the President is instructed to exclude such

students from classes until payment is made. Absences thus incurred are not excused. Voluntary or careless damage done to college property is an extra charge to the individuals or classes responsible. If these are not known, the charge is assessed upon the whole student body, *pro rata*. No deduction in tuition fees is made for absence, either in case a student returns to a class which he has left, or enters late, or is absent under discipline, or is dropped. No student can receive a degree or honorable dismissal whose college bills are unpaid.

PUBLIC LECTURES AND MUSICALES

Under a memorial endowment established by the mother of the late John Ripley Myers, '87, a series of public lectures is given annually before the College by persons of distinction on some subject of general interest, varying from year to year. For 1913-14 the lectures related to the United States Army.

Each month during the year evening recitals of chamber music are given at various faculty or fraternity houses.

THE SUMMER SCHOOL OF ENGLISH

The Summer School of English opens for its second year July 5, 1915, and closes August 13. Only English subjects are taught. The School is open to both men and women. A catalogue giving full details may be obtained from the Director, Professor Calvin Leslie Lewis.

DIRECTORY

The post-office address of the College is Clinton, New York.

The railroads are: the New York, Ontario & Western (Utica Branch), and the U. & M. V. trolley — Utica to Clinton. Electric cars leave Utica at a quarter before and a quarter past the hour; they leave Clinton on the even hour and half-hour.

Adams Express via the N. Y., O. & W. R. R. Electric Express from Utica via the U. & M. V. trolley.

All correspondence should be addressed to the President.

DEGREES, HONORS, AND PRIZES 1913-1914

Degrees in Course

BACHELOR OF ARTS

William James Barnes	John Baylies McMillan
Leet Wilson Bissell	Norman James Marsh, Jr.
Hugh St. Leger Booth	William Carl Mengerink
Charles Lefferts Brown	Edgar Nash Miller
Raymond Temple Clapp	Arthur Stone Pohl
William Harder Squires Cole	George Warren Walker
Charles Henry Dayton	John Van Alstyne Weaver
Theodore Carrington Jessup	George Henry Williamson
Ralph William Leavenworth	John Bodine Terbell, '84, <i>nunc pro tunc</i>

BACHELOR OF PHILOSOPHY

Taylor Stevenson Abernathy	George Babcock Ogden
Wayland Potter Blood	George Edgerton Ogilvie
Lee Hastings Bristol	Howard John Potter
Owen Gregory Burns	Francis Leo Regin
Carl Lamson Carmer	Benjamin Curtis Rhodes
Lee Williamson Felt	Albert Sidney Robinson
Forrest Palmer Gates	Stephen W. Royce
Donald Holman McGibeny	Roswell Breese Sherman

BACHELOR OF SCIENCE

Willard Burdick Eddy	Thomas Hamilton Lee, Jr.
Kenyon Putnam Flagg	Earl Russell Lewis
Herbert Insley	Elinas Delavan McLean

MASTER OF ARTS

James Arthur Seavey, '90	Frederick Hastings Smyth, '09
Zelotus Wesley Commerford, '96	Claude E. Anibal, '11
Ernest Joseph Weekes, '08	William John Manion, '11
Harold Otis White, '08	John Henry Parry, '11
Albert Houghton Pratt, <i>ad eundem</i>	

MASTER OF PHILOSOPHY

Ralph Renwick, '10
Walton Baker Fawcett, '11

Edward O'Brien, '11
Marion Karl Wisehart, '11

MASTER OF SCIENCE

Daniel Chase (A.B., Maine Univ., 1908), *by examination*
The Master's Oration was delivered by Marion Karl Wisehart, Ph.B., '11.

Honorary Degrees**DOCTOR OF DIVINITY**

Darwin Frank Pickard, '97, Watertown

DOCTOR OF LAWS

David Riddle Breed, D.D., '67, Pittsburgh, Pa.

Andrew Carnegie, New York

(Degree conferred October 10, 1914, as of June, 1913)

HONORS**Scholarship Honors for the Course****CLASS OF 1914****High Honor**

(Grade of 9.2 or above)

Arthur Stone Pohl, *Valedictorian*

Honor

(Grade of 8.6 to 9.2)

Charles Henry Dayton
Willard Burdick Eddy

Theodore Carrington Jessup
Ralph William Leavenworth

George Warren Walker, *Salutatorian*

Credit

(Grade of 8 to 8.6)

William James Barnes
Leet Wilson Bissell
Raymond Temple Clapp

William Harder Squires Cole
Lee Williamson Felt
Norman James Marsh, Jr.

William Carl Mengerink

Scholarship Honors for the Year 1913-1914

CLASS OF 1914

High Honor

Honor

William Harder Squires Cole Willard Burdick Eddy
Charles Henry Dayton Theodore Carrington Jessup
Ralph William Leavenworth

Credit

William James Barnes
Wayland Potter Blood
Hugh St. Leger Booth
Charles Lefferts Brown
Carl Lamson Carmer
Lee Williamson Felt
Kenyon Putnam Flagg
Forrest Palmer Gates
Herbert Insley
Thomas Hamilton Lee, Jr.
Norman James Marsh, Jr.
William Carl Mengerink
Edgar Nash Miller
George Babcock Ogden
George Edgerton Ogilvie
Francis Leo Regin
Stephen W. Royce
George Henry Williamson

CLASS OF 1915

High Honor

David Avery Woodcock

Honor

Reginald Audley Clarke Dudley Baldwin Kimball
Erwin Ramsdell Goodenough Karl Reed McNair
Walter Rushworth Harper Willett Benjamin Sherwood

Credit

CLASS OF 1916

High Honor

Charles McLouth, Jr.

Honor

David Farrington Aldrich
 John Hamish Gardner
 Charles Arthur Hawley

Louis Heyl Nichols
 Philip Waldron Stone
 Vilas Matheson Swan

Credit

Charles Stanley Bergner
 Peter William Daniels
 Milton Merwin Eells
 Henry Courtenay Fenn

Robert Insley
 Evan Ellis Jones
 Francis Paton Kimball
 William Nelson Robson

CLASS OF 1917**High Honor**

Ernest Stacey Griffith

Stanley Stewart Saunders

Honor

Raymond Roscoe Dise
 Charles Hoffman Hamlin
 William Stuart Holden
 Stanley Leon Kent

Gilbert Russell Lyon
 Edwin Roberts Moore
 Pennock Hart Orr
 Chauncey Shaffer Truax

Credit

Philip TenBroeck Bissell
 William McLaren Bristol, Jr.
 James Marshall Campbell
 Raymond Johnson Hood

John Angel Jones
 Willis Knapp Jones
 Frederic Munger Miller, Jr.
 Thomas Lazear Orr

James Daniel Seaver

Department Honors**CLASS OF 1914**

CHEMISTRY. George Warren Walker.

ETHICS AND BIBLE. George Warren Walker.

GEOLOGY. Leet Wilson Bissell.

GERMAN. Leet Wilson Bissell, Willard Burdick Eddy, Arthur Stone Pohl.

GREEK. Charles Henry Dayton, Arthur Stone Pohl.

MATHEMATICS. George Warren Walker.

PSYCHOLOGY, LOGIC AND PEDAGOGY. Theodore Carrington Jessup, George Edgerton Ogilvie.

FELLOWSHIPS

ROOT FELLOWSHIP. William Harder Squires Cole.

LOCKE FELLOWSHIP. Arthur Stone Pohl.

PRIZES

FREDERICK W. GRIFFITH GREEK SCHOLARSHIP. John Lewis Keddy.

EDWARD HUNTINGTON MATHEMATICAL SCHOLARSHIP. Myron Whitlock Adams.

ARTHUR W. SOPER LATIN SCHOLARSHIP. David Avery Woodcock.

CHARLES HOLLAND DUELL GERMAN SCHOLARSHIP. Willett Benjamin Sherwood.

FIFTY-NINTH CLARK PRIZE ORATION. George Henry Williamson.

The other appointees to the contest: Messrs. Booth, Burns, Carmer, Cole, Marsh.

FIFTY-SECOND PRUYN MEDAL ORATION. No award.

FIFTY-FIRST HEAD PRIZE ORATION. George Henry Williamson.

FORTY-SECOND KIRKLAND PRIZE ORATION. George Warren Walker.

FORTY-SIXTH MCKINNEY PRIZE DEBATE. *First*, William Harder Squires Cole; *Second*, Theodore Carrington Jessup.

The other appointees to the contest: Messrs. Pohl, Regin, Walker, Williamson.

TWENTY-SECOND SOPER THESIS PRIZE. No competition.

UNDERWOOD PRIZE IN CHEMISTRY. Prize divided between Willard Burdick Eddy and George Warren Walker.

SOUTHWORTH PRIZE IN PHYSICS. No award.

DARLING PRIZE IN AMERICAN HISTORY. William Carl Mengerink.

WARFIELD-BRANDT PRIZE IN GERMAN. Leet Wilson Bissell.

TOWER PRIZE IN FRENCH. John Van Alstyne Weaver.

TOWER PRIZE IN SPANISH. Edgar Nash Miller.

TOMPKINS MATHEMATICAL PRIZES. *First*, Myron Whitlock Adams; *Second*, Erwin Ramsdell Goodenough; *Medal*, Walter Rushworth Harper.

CURRAN MEDALS IN GREEK AND LATIN. *Gold*, John Lewis Keddy; *Silver*, No award.

HAWLEY CLASSICAL MEDALS. No award.

KELLOGG ESSAY PRIZES.

Juniors. Subject, "The Passing of the Patron and Its Effect on English Literature." *Prize*, Dudley Baldwin Kimball.

Subject, "Panics and Politics in America." *Prize*, David Avery Woodcock; *Mention*, George Leonard Potter.

Sophomores. Subject, "John Bunyan's English." *Prize*, Charles Arthur Hawley.

Freshmen. Subject, "The Coast Guard." *Prize*, Everett Wheeler Barto; *Mention*, Leland Lamont Pohl.

Subject, "David Livingstone." *Prize*, Willis Knapp Jones; *Mention*, Stanley Stewart Saunders.

COBB ESSAY PRIZE. Subject, "The War Correspondent." *Prize*, Philip Waldron Stone; *Mention*, John Hamish Gardner.

McKINNEY PRIZE DECLAMATION.

Juniors. *First*, Herman Silas Hulbert; *Second*, Wallace Bradley Johnson.

Sophomores. *First*, Evan Ellis Jones; *Second*, Henry Courtenay Fenn.

Freshmen. *First*, Stanley Stewart Saunders; *Second*, John Angel Jones.

MAYNARD ENTRANCE PRIZE. No award.

BROCKWAY ENTRANCE PRIZE. Stanley Stewart Saunders.

Entrance Honors, Class of 1918

FAYERWEATHER SCHOLARSHIP. Paul DeWitt Hasbrouck.

VROOMAN SCHOLARSHIP. Harold Charles Sherman.

MAYNARD ENTRANCE PRIZE. No candidate.

BROCKWAY ENTRANCE PRIZE. *Candidate*, Paul DeWitt Hasbrouck

ASSOCIATIONS OF ALUMNI

GENERAL SOCIETY OF ALUMNI

President, Robert A. King, '85.

Vice-Presidents, George M. Weaver, '60, Isaac S. Signor, '70, William M. Bristol, '82, Frank S. Larrabee, '85, Ward H. Goodenough, '87.

Recording Secretary and Necrologist, William H. Squires, '88, Clinton.

Corresponding Secretary, William P. Shepard, '92, Clinton.

Executive Committee, Edward Fitch, '86, M. Woolsey Stryker, '72, William H. Squires, '88, Joseph D. Ibbotson, Jr., '90, William P. Shepard, '92.

Half-Century Annalist, William H. Bates, '65.

The membership includes all who have received degrees from the College.

The annual meeting is held on Saturday of commencement week in the Chapel; in 1915 on June 19 at 10:30 a. m.

At each annual meeting a Trustee of the College is elected, to hold office for four years. Only graduates of the College of ten years' standing are eligible to election. Graduates of three years' standing are entitled to vote. The polls are open from 11 a. m. to 12 m. Ballots are mailed to voters in advance. A voter not intending to be present at the election may forward his ballot, signed in his own handwriting, to any officer of the Society of Alumni residing in Clinton, who must endorse the same before depositing. Three inspectors of election, appointed by the Trustees of the College, receive and canvass the votes, declare the result, and report the same in writing to the Board of Trustees.

LOCAL ASSOCIATIONS

New York City

President, Abel E. Blackmar, '74, Brooklyn.

Secretary, Edward E. Stowell, '01, 43 Exchange Place, New York.

New York State Academic Principals

President, A. B. Davis, '78, Mount Vernon.

Secretary, James D. Erskine, Syracuse.

Chicago and the West

President, Franklin A. Spencer, '82, Fleming Building, Des Moines, Ia.
Secretary, Ernst O. Heyl, '99, 9014 S. Robey Street, Chicago, Ill.

Central New York

President, Frederick M. Calder, '82, Utica City Natl. Bank Bldg., Utica.
Secretary, Seward A. Miller, '99, 108 Genesee Street, Utica.

New England

President, Frederic G. Perine, '87, 26 Trull Street, Dorchester, Mass.
Secretary, Paul D. Kneeland, '09, 21 Eaton Street, Winchester, Mass.

Washington and Vicinity

President, Benjamin R. Johnson, '97, 605 7th St., N. W., Washington,
D. C.

Secretary, Clayton L. Jenks, '06, 3020 Macomb St., Cleveland Park,
Washington, D. C.

Broome County

President, Frederick W. Welsh, '92, Phelps Bldg., Binghamton.
Secretary, C. Mossman McLean, '09, Binghamton.

Brooklyn

President, Alexander Wouters, '93, 193 Rutland Road, Brooklyn.
Secretary, Orlando E. Ferry, '95, 1609 Nottingham Road, Brooklyn.

Syracuse

President, A. Judd Northrup, '58, Syracuse.

Secretary, Bradford W. Sherwood, '82, 1441 S. Salina St., Syracuse.

Pacific Coast

President, Thomas E. Hayden, '91, 830 Monadnock Building,
San Francisco, Cal.
Secretary, Melvin G. Dodge, '90, 2615 J Street, Sacramento, Cal.

Rochester

President, Warren S. Stone, '99, First Presbyterian Church, Rochester.
Secretary, John N. McMath, ex-'10, 373 Oxford Street, Rochester.

Eastern New York

President, Francis W. Joslin, '81, Morning Record Office, Troy.
Secretary, J. Howard Hahn, '13, 410 Hudson Avenue, Albany.

Western New York

President, Philip A. Laing, '80, City Hall, Buffalo.
Secretary, George H. Sicard, '06, 153 Anderson Place, Buffalo.

STUDENTS

(c—Classical Course; L.S.—Latin-Scientific Course)

FELLOWS

Cole, William Harder Squires, A.B., 1914	Vernon
Root Fellow in Physical Science	Harvard University
Pohl, Arthur Stone, A.B., 1914	Vernon
Locke Fellow in Greek (Tenure postponed by special permission.)	

SENIORS, CLASS OF 1915

Adams, Myron Whitlock, c.	<i>Boston, Mass.</i>	4 Carnegie
Brockway, Raymond Albert, c.	<i>Herkimer</i>	20 South
Clarke, Reginald Audley, c.	<i>Brooklyn</i>	21 South
Dieterlen, Gerold Emil, L.S.	<i>New York</i>	Ψ Τ House
Erhardt, John George, L.S.	<i>Brooklyn</i>	17 Carnegie
Fulton, Louis, L.S.	<i>Massena</i>	20 South
Goodenough, Erwin Ramsdell, c.	<i>Jamaica</i>	Δ K E House
Gray, Harold Wheaton, c.	<i>Binghamton</i>	Emerson Hall
Higbie, Robert Winfield, Jr., c.	<i>Jamaica</i>	Ψ Τ House
Hudson, Charles Kellogg, L.S.	<i>Marshall, Va.</i>	Σ Φ Place
Hulbert, Herman Silas, c.	<i>Redlands, Cal.</i>	20 Skinner
Ingersoll, Ivan Morgan, L.S.	<i>Ilion</i>	6 South
Jessup, John Butler, c.	<i>New York</i>	7 South
Johnson, Wallace Bradley, L.S.	<i>Utica</i>	Ψ Τ House
Keddy, John Lewis, c.	<i>Buffalo</i>	18 Carnegie
Kimball, Dudley Baldwin, c.	<i>Boonton, N. J.</i>	Silliman Hall
LaForce, Felix, L.S.	<i>Kansas City, Mo.</i>	Σ Φ Place
Lee, Frederick Paddock, L.S.	<i>Rutherford, N. J.</i>	Δ Τ House
Little, William Hobart, c.	<i>Towanda, Pa.</i>	Α Δ Φ Hall
McNair, Karl Reed, c.	<i>Warren, O.</i>	6 South
Ogilvie, Walter Ellsworth, Jr., L.S.	<i>Richmond Hill</i>	X Ψ Lodge
Patton, John Hollister, c.	<i>Tonawanda</i>	Emerson Hall
Potter, George Leonard, L.S.	<i>Lafayette, Ind.</i>	Ψ Τ House
Prescott, Jay Glenn, L.S.	<i>Sauquoit</i>	28 Carnegie
Schwenk, Robert Edward, c.	<i>Scranton, Pa.</i>	20 South
Sherwood, Willett Benjamin, L.S.	<i>Ridgewood, N. J.</i>	Θ Δ X House
Turnbull, William Vibbert Longwell, L.S.	<i>Campbell</i>	Ψ Τ House
White, William Russell, L.S.	<i>Brooklyn</i>	4 South
Woodcock, David Avery, L.S.	<i>Passaic, N. J.</i>	Θ Δ X House

JUNIORS, CLASS OF 1916

Aldrich, David Farrington, L.S.	Palmyra	3 South
Baldwin, Franklin Mosher, L.S.	E. Orange, N. J.	7 Carnegie
Banks, Harold Albert, c.	E. Orange, N. J.	1 Carnegie
Baumer, Charles Joseph, c.	Syracuse	Ψ T House
Bergner, Charles Stanley, c.	Utica	20 Carnegie
Covert, Hudson, L.S.	Chicago, Ill.	3 Carnegie
Daniels, Peter William, c.	Hempstead	21 Carnegie
Davis, Homer Woodhull, c.	Coram	18 Carnegie
Davis, Leon Arthur, L.S.	W. Winfield	Silliman Hall
Eells, Milton Merwin, L.S.	Utica	6 Carnegie
Fenn, Henry Courtenay, c.	Pittston, Pa.	5 Skinner
Fulton, Philip Allison, L.S.	Massena	25 South
Gardner, John Hamish, c.	Fort Covington	5 South
Getman, Herbert Clapsaddle, L.S.	Oneonta	12 Carnegie
Gow, Millard Robert, L.S.	Springfield Center	Θ Δ X House
Gow, Willard Archibald, L.S.	Springfield Center	8 Carnegie
Griffith, Frederick Adams, c.	Palmyra	15 Carnegie
Groves, Owen Griffith, c.	Seattle, Wash.	19 Carnegie
Hawley, Charles Arthur, c.	Verona	Chapel
Henty, Ralph Henry, L.S.	Knoxboro	12 South
Higgins, Willfred Rowell, L.S.	Minneapolis, Minn.	A Δ Φ Hall
Holt, Harry Milton, L.S.	Lowville	9 Carnegie
Insley, Robert, L.S.	Nanuet	Emerson Hall
Jones, Evan Ellis, c.	Utica	21 Carnegie
Kimball, Francis Paton, c.	Sauquoit	6 South
Knapp, Charles Dell, c.	W. Winfield	6 Skinner
McKennan, Thatcher, c.	Utica	4 South
McLouth, Charles, Jr., c.	Palmyra	Δ K E House
McMillan, George Scholefield, c.	Yonkers	16 Carnegie
Mattoon, Elbert Barney, c.	Windham	26 Skinner
Miller, Arthur, c.	Dolgeville	20 Carnegie
Nichols, Louis Heyl, L.S.	Buffalo	4 Carnegie
Ogilvie, Geoffrey Airlie, L.S.	Richmond Hill	\times Ψ Lodge
Paige, Montfort Schley, L.S.	Oneonta	Θ Δ X House
Peck, Vincent Stone, L.S.	Utica	13 South
Pope, George Van Wyck, L.S.	Glencoe, Ill.	13 South
Robson, William Nelson, L.S.	Worcester, Mass.	15 Carnegie
Rushmore, John William, Jr., L.S.	Palmyra	19 Carnegie
Smith, Ripple Cary, c.	W. Pittston, Pa.	15 South
Stone, Philip Waldron, L.S.	Cornwall-on-Hudson	2 Carnegie

Swan, Vilas Matheson, c.	<i>Ogdensburg</i>	4 South
Thorne, Robert Sherman, c.	<i>Geneva</i>	Emerson Hall
Whitcombe, Joseph Eagar, L.S.	<i>Batavia</i>	15 South

SOPHOMORES, CLASS OF 1917

Adams, John Robert, c.	<i>Boston, Mass.</i>	16 Carnegie
Barto, Everett Wheeler, c.	<i>Ossining</i>	19 South
Behan, Joseph Christopher, Jr., L.S.	<i>Troy</i>	17 Carnegie
Bissell, Philip TenBroeck, c.	<i>Pittsburgh, Pa.</i>	X Ψ Lodge
Boyce, John, c.	<i>Mt. Hermon, Mass.</i>	9 Skinner
Bristol, William McLaren, Jr., L.S.	<i>Brooklyn</i>	1 South
Brockway, Louis Newell, c.	<i>Clinton</i>	30 Williams St.
Burritt, Norman Wyvill, c.	<i>Franklinville</i>	3 South
Campbell, James Marshall, c.	<i>Warsaw</i>	13 Carnegie
Dayton, William Hale, c.	<i>Auburn</i>	21 South
Dise, Raymond Roscoe, c.	<i>Little Falls</i>	10 South
Donoghue, Joseph Cyril, c.	<i>Whitestone</i>	Δ K E House
Donohue, Walter Emmett, c.	<i>New York</i>	Δ K E House
Emeny, Edward Joseph, L.S.	<i>Chadwicks</i>	23 Carnegie
Fraser, Carlyle, L.S.	<i>Rochester</i>	A Δ Φ Hall
Griffith, Ernest Stacey, c.	<i>Utica</i>	9 Skinner
Hamlin, Charles Hoffman, L.S.	<i>Clinton</i>	12 South
Holden, William Stuart, L.S.	<i>Turin</i>	10 South
Hood, Raymond Johnson, c.	<i>Brooklyn</i>	Chapel
Horton, Lynn Culver, L.S.	<i>W. Oneonta</i>	24 South
Jones, John Angel, c.	<i>Clinton</i>	Marvin St.
Jones, Willis Knapp, c.	<i>Moravia</i>	5 Skinner
Leonard, Charles Albert, L.S.	<i>New Rochelle</i>	16 Carnegie
Lewis, William Leslie, c.	<i>Clinton</i>	College Hill
Luce, Daniel, Jr., c.	<i>Oneonta</i>	8 Carnegie
Lyon, Gilbert Russell, c.	<i>Chicago, Ill.</i>	18 South
Martindale, Stephen, Jr., c.	<i>LaCrosse, Wis.</i>	2 Carnegie
Miller, Frederic Munger, Jr., L.S.	<i>Utica</i>	17 Carnegie
Moore, Edwin Roberts, c.	<i>Oneonta</i>	24 South
Musselman, John Joseph, c.	<i>Utica</i>	6 Skinner
Norton, George Eliot, c.	<i>Vernon Center</i>	24 South
Orr, Pennock Hart, c.	<i>Pittsburgh, Pa.</i>	7 South
Orr, Thomas Lazear, c.	<i>Pittsburgh, Pa.</i>	2 South
Patterson, Robert Leet, c.	<i>Shields, Pa.</i>	X Ψ Lodge
Pendleton, Isaac Stanton, L.S.	<i>Oneonta</i>	Θ Δ X House
Petersen, Reno Henry, L.S.	<i>Chicago, Ill.</i>	A Δ Φ Hall

Pohl, Leland Lamont, L.S.	<i>Vernon</i>	13 Carnegie
Powers, David Edward, Jr., L.S.	<i>Clinton</i>	9 Elm St.
Saunders, Stanley Stewart, c.	<i>Clinton</i>	College Hill
Seaver, James Daniel, L.S.	<i>Brooklyn</i>	9 Carnegie
Shields, Edwin Bruce, L.S.	<i>Pittsburgh, Pa.</i>	9 Carnegie
Sottong, Peter, L.S.	<i>E. Orange, N. J.</i>	25 Skinner
Squires, Paul Chatham, c.	<i>Clinton</i>	College Hill
Stackhouse, Howard Gibson, c.	<i>Utica</i>	2 South
Tallmadge, John Allen, L.S.	<i>Morristown, N. J.</i>	27 Skinner
Truax, Chauncey Shaffer, c.	<i>New York</i>	1 South
Weed, Clayton Bagshaw, c.	<i>Newburgh</i>	Ψ T House
Whitcombe, Wilcox Langbridge, c.	<i>Batavia</i>	X Ψ Lodge
Whitman, Clifton Bion, L.S.	<i>Groton</i>	23 Carnegie
Woolnough, Adariah Cotter, L.S.	<i>Clinton</i>	19 Skinner
Yule, Leslie Willard, L.S.	<i>Jordanville</i>	8 Carnegie

FRESHMEN, CLASS OF 1918

Beach, Clinton Redford, c.	<i>Seneca Falls</i>	12 Carnegie
Briggs, William Wright, c.	<i>Bridgewater</i>	X Ψ Lodge
Brooks, Kenneth Julius, c.	<i>Albion</i>	24 Skinner
Bruins, John Herman, c.	<i>Theresa</i>	28 Skinner
Bull, Walter Dean, L.S.	<i>New Rochelle</i>	A Δ Φ Hall
Butts, Stuart Woodin, c.	<i>Oneonta</i>	Silliman Hall
Calkins, William Sidney, L.S.	<i>Rochester</i>	Ψ T House
Carrington, Frank Edwin, c.	<i>Groton</i>	25 Skinner
Cavanagh, Reginald, L.S.	<i>Boonville</i>	Δ T House
Clay, Arthur Ralph, c.	<i>East Aurora</i>	Emerson Hall
Clum, Earl Hoag, L.S.	<i>Saugerties</i>	12 South
Collins, Lewis Steele, c.	<i>Batavia</i>	X Ψ Lodge
Colridge, Frank Carl, c.	<i>Hartford</i>	26 Skinner
Dodge, Harold Swan, c.	<i>Utica</i>	Ψ T House
Eddy, Sidney Munroe, L.S.	<i>Albion</i>	Ψ T House
Flesh, George Albert, L.S.	<i>Piqua, O.</i>	Σ Φ Place
Fuller, Dean Mattison, c.	<i>Carlton Station</i>	24 Skinner
Fursman, James Sherrill, L.S.	<i>Hudson Falls</i>	Ψ T House
Gilbert, Falconer Rees, L.S.	<i>Wilkes Barre, Pa.</i>	21 South
Grant, Donald Ripley, L.S.	<i>Johnstown</i>	19 South
Griffin, Francis Stanley, c.	<i>Clinton</i>	College Hill
Griffith, Henry Watson, c.	<i>Palmyra</i>	Δ T House
Handanian, Karnak A. c.	<i>Providence, R. I.</i>	16 South

Harbordt, Charles Eugene, c.	<i>North Troy</i>	Emerson Hall
Hasbrouck, Paul DeWitt, c.	<i>Poughkeepsie</i>	Θ Δ X House
Hawks, Burt Daniel, L.S.	<i>Ilion</i>	21 Carnegie
Hill, Weston Whittemore, L.S.	<i>Roselle, N. J.</i>	21 South
Hubbard, Gerard Fruin, c.	<i>Rome</i>	Ψ T House
Hudson, Herbert Miller, Jr., L.S.	<i>Albion</i>	15 South
Insley, Norman, L.S.	<i>Nanuet</i>	Emerson Hall
Ives, Irving McNeil, c.	<i>Oneonta</i>	Θ Δ X House
Jackson, Julian Bradford, c.	<i>Oneonta</i>	Θ Δ X House
Jessup, Philip Caryl, c.	<i>New York</i>	14 South
Jones, Thomas Banford, c.	<i>Utica</i>	9 Carnegie
Kelly, Joseph Reed, c.	<i>New York</i>	6 Carnegie
Kennedy, Booth Hosford, L.S.	<i>Adams, Mass.</i>	14 South
Kingston, Sidney David, Jr., L.S.	<i>Little Falls</i>	11 Carnegie
Kinsman, Monroe Bradley, L.S.	<i>Greene</i>	28 Skinner
Knowles, Paul Hawthorne, c.	<i>Mamaroneck</i>	7 Carnegie
Link, Theron, c.	<i>Binghamton</i>	Δ K E House
Ludlow, Francis Eugene, c.	<i>Deposit</i>	Δ T House
MacKie, Robert Steere, L.S.	<i>Pittsburgh, Pa.</i>	5 South
Manion, James Edwin, c.	<i>Ferndale</i>	Δ K E House
Moore, Frank Guy, c.	<i>Union</i>	23 South
Otto, John, 2d, L.S.	<i>Buffalo</i>	Α Δ Φ Hall
Page, William Noble, L.S.	<i>New Rochelle</i>	Σ Φ Place
Peck, Charles Eugene, Jr., L.S.	<i>Ashtabula, O.</i>	1 Carnegie
Peck, Charles Marshall, L.S.	<i>Deansboro</i>	15 Carnegie
Roberts, Thomas Edison, c.	<i>New Hartford</i>	10 Skinner
Root, Arthur Pier, L.S.	<i>Cooperstown</i>	18 South
Russell, Milton Dimmick, L.S.	<i>Honesdale, Pa.</i>	Ψ T House
Schrader, George Raymond, c.	<i>Saranac Lake</i>	Δ T House
Schwartz, Carleton Dudley, c.	<i>Clinton</i>	31 Fountain St.
Sherman, Harold Charles, c.	<i>Utica</i>	20 Carnegie
Smith, Hadley Edwin, c.	<i>Cortland</i>	20 South
Timerman, Newman Holmes, c.	<i>Buffalo</i>	Θ Δ X House
Timmers, Reed Bradley, c.	<i>Castleton</i>	Emerson Hall
Thompson, James, c.	<i>New York</i>	Δ K E House
Van Auken, George Lord, L.S.	<i>La Crosse, Wis.</i>	3 Carnegie
Woods, E. Haladay, c.	<i>Delhi</i>	12 Carnegie
Yeandle, Frederic George, c.	<i>New Hartford</i>	10 Skinner

SPECIAL STUDENT, FIRST YEAR

Chase, William Byer

Utica

Α Δ Φ Hall

SUMMARY OF STUDENTS

	CLASSICAL	LATIN-SCIENTIFIC	TOTAL
Fellows	2
Seniors	14.....	15.....	29
Juniors	21.....	22.....	43
Sophomores	31.....	20.....	51
Freshmen	37.....	24.....	61
Special Student	1
 Total.....	103.....	81.....	187

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HAMILTON COLLEGE CATALOGUE

THE
JOHN CRERAR
LIBRARY

ONE HUNDRED AND FOURTH YEAR

1915-1916

ANNOUNCEMENTS FOR 1916-1917

CLINTON, NEW YORK, FEBRUARY, 1916

HAMILTON COLLEGE

CATALOGUE

ONE HUNDRED AND FOURTH YEAR

1915-1916

ANNOUNCEMENTS FOR 1916-1917



CLINTON, NEW YORK
PUBLISHED BY THE COLLEGE
FEBRUARY, 1916

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COLLEGE CALENDAR

1915

First Term, 1915-1916

Sept. 23 Thursday, 8:30 a. m., Beginning of the Academic Year.

Christmas Recess, from December 22, Wednesday, 5:30 p. m., to January 4, Tuesday, 8 a. m.

Jan. 24-29 Monday to Saturday, Term Examinations.

Second Term

Feb. 3 Thursday, 8:30 a. m., Beginning of Second Term.

Feb. 20 Sunday, Day of Prayer for Colleges.

Feb. 22 *Tuesday, Washington's Birthday.*

Easter Recess, from April 20, Thursday, 5:30 p. m., to May 2, Tuesday, 8 a. m.

April 23 Saturday, 9 a. m., Meeting of the Trustees.

May 1 Monday, Delinquent Examinations.

May 2 Tuesday, before noon, Clark Prize Orations due.

May 13 *Saturday, from 10:30, Inter-Academic Day.*

May 21 Sunday, Annual Y. M. C. A. Report.

May 27 Saturday, Southworth Prize Examination in Physics.

May 30 *Tuesday, Memorial Day.*

May 31 Wednesday, 8 p. m., Clark Prize Exhibition.

June 1 Thursday, Annual Drawing for Rooms.

June 1 Thursday, Underwood Prize Examination in Chemistry.
Tower Prize Examination in Spanish.

June 2 Friday, Tower Prize Examination in French.

June 2-8 Friday to Thursday, Final Senior Examinations.

June 3 Saturday, Tompkins Prize Examination in Mathematics.
Warfield Prize Examination in German.

June 8 Thursday, Curran and Hawley Prize Examinations in Greek and Latin.

June 8-14 Thursday to Wednesday, Term Examinations.
June 13-15 Tuesday to Thursday, Entrance Examinations.
June 14 Wednesday, Final Chapel. Announcement of the Honors and Prizes of the year.

Commencement Week

June 15 Thursday, McKinney Prize Speaking, 4 p. m.
June 16 Friday, Class Day, 10 a. m.
Meeting of the Trustees, 2 p. m.
McKinney Prize Debate, 4 p. m.
The *Menæchmi* of Plautus, by the Latin Club, 8 p. m.
June 17 Saturday, Alumni Day. Meeting of the Alumni Association, 10:30 a. m. Class Reunions.
June 18 Sunday, Baccalaureate Sermon, 4 p. m.
June 19 MONDAY, 104TH COMMENCEMENT, 10 A. M.

SUMMER VACATION OF THIRTEEN WEEKS

July 3 to August 11, Summer School of English.

First Term, 1916-1917

Sept. 18-20 Monday to Wednesday, Entrance Examinations.
Sept. 19-20 Tuesday and Wednesday, Delinquent Examinations.
Sept. 20 Wednesday, Registration of New Students, 10-12 a. m., 2-4 p. m.
New Students meet the Dean in the Chapel, 5 p. m.
Sept. 21 Thursday, 8:30 a. m., Beginning of the Academic Year.
Oct. 7 Saturday, 9 a. m., Meeting of the Trustees.
Oct. 12 Thursday, before noon, Soper Theses due.
Oct. 12 Thursday, from 12:30, Autumn Field Day.
Nov. 23 Thursday, Thanksgiving Day.

Christmas Recess, from December 20, Wednesday, 5:30 p. m., to January 4, Thursday, 8 a. m.

1917
Jan. 4 Thursday, before noon, Head, Pruyn, and Kirkland Prize Orations due.
Jan. 22-27 Monday to Saturday, Term Examinations.

THE TRUSTEES

ELECTED TERM

HON. ELIHU ROOT, LL.D., R.P.D., D.C.L., New York,		
<i>Chairman</i>	1883	
HON. CHARLES A. HAWLEY, LL.D., Seneca Falls..	1884	
THOMAS D. CATLIN, A.M., Ottawa, Ill.....	1890	1917
GEORGE E. DUNHAM, A.M., Utica, <i>Clerk</i>	1891	1922
HAMILTON B. TOMPKINS, A.M., New York.....	1892	
PRES. M. WOOLSEY STRYKER, D.D., LL.D., Clinton..	1892	
FRANKLIN D. LOCKE, LL.D., Buffalo.....	1895	
JOHN N. BEACH, A.M., Brooklyn.....	1896	
ALEXANDER C. SOPER, A.M., Lakewood, N. J....	1897	
HENRY H. BENEDICT, A.M., New York.....	1897	
CHARLES B. ROGERS, A.M., Utica.....	1899	
BENJAMIN W. ARNOLD, A.M., Albany.....	1901	
SAMUEL F. ENGS,* A.B., Great Barrington, Mass..	1904	1917
SAMUEL H. ADAMS, A.B., Auburn.....	1905	1919
HON. FREDERICK W. GRIFFITH, A.M., Palmyra..	1907	1921
HON. ABEL E. BLACKMAR, LL.D., Brooklyn.....	1908	1922
HON. JOSEPH I. FRANCE, M.D., Baltimore, Md...	1909	1916
REV. ROBERT G. MCGREGOR, D.D., New Rochelle..	1910	1917
REUBEN L. MAYNARD, A.M., New York.....	1910	1917
SAMUEL D. MILLER,* A.B., Indianapolis, Ind....	1910	1918
JOSEPH RUDD, PH.B., Clinton.....	1910	1917
REV. LOUIS G. COLSON, A.B., Camden.....	1911	1918
HENRY MURRAY ANDREWS, A.M., New York.....	1912	1919

WILLIAM McL. BRISTOL, A.B., Brooklyn.....	1912	1919
REV. ARTHUR S. HOYT,* D.D., Auburn.....	1912	1916
THOMAS R. PROCTOR, A.M., Utica.....	1913	1920
DANIEL BURKE, A.M., New York.....	1913	1920

* Elected by the Alumni of the College.

COMMITTEES OF THE TRUSTEES

Executive Committee: MESSRS. STRYKER, DUNHAM, GRIFFITH, ROGERS, RUDD.

Ways and Means: MESSRS. SOPER, BENEDICT, MAYNARD, BRISTOL, BURKE.

Instruction and Government: MESSRS. ADAMS, HOYT, BLACKMAR, GRIFFITH, ANDREWS.

Laboratory, Cabinet, and Apparatus: MESSRS. ENGS, ARNOLD, COLSON, FRANCE, PROCTOR.

Library: MESSRS. TOMPKINS, LOCKE, McGREGOR, PROCTOR, BENEDICT.

Degrees: MESSRS. STRYKER, HAWLEY, BEACH, McGREGOR, HOYT.

Buildings and Grounds: MESSRS. ROOT, STRYKER, GRIFFITH, MILLER, BURKE.

Undergraduate Activities: MESSRS. RUDD, ENGS, COLSON, MILLER, BRISTOL.

College Growth: MESSRS. DUNHAM, STRYKER, PROCTOR, BRISTOL, GRIFFITH, COLSON.

TREASURER

CHARLES B. ROGERS, First National Bank, Utica.

THE FACULTY

MELANCTHON WOOLSEY STRYKER... *President of the College. Walcott Professor (1892) of Theistic and Christian Evidences and of Ethics. Pastor of the College Church.*

A.B., Hamilton, 1872; D.D., Hamilton, and Lafayette, 1889;
LL.D., Lafayette, 1892; Wesleyan, 1910.

HERMAN CARL GEORGE BRANDT.... *Munson Professor (1882) of the German Language and Literature.*

A.B., Hamilton, 1872; Ph.D., 1896; L.H.D., Colgate, 1910.

EDWARD FITCH.... *Edward North Professor (1889) of Greek.*
A.B., Hamilton, 1886; Ph. D., Göttingen, 1896.

ALBRO DAVID MORRILL.... *Stone Professor (1891) of Biology.*
B.S., Dartmouth, 1876; M. S., 1879; A.M., Belmont College, 1885.

WILLIAM HARDER SQUIRES..... *John Stewart Kennedy Professor (1891) of Philosophy.*
A.B., Hamilton, 1888; A.M., 1891; Ph.D., Leipzig, 1901.

SAMUEL J. SAUNDERS..... *Professor (1892) of Physics and Instructor in Astronomy upon the Litchfield Foundation. Registrar.*
A.B., Toronto, 1888; A.M., 1893; D. Sc., Cornell, 1894.

WILLIAM PIERCE SHEPARD.... *Burgess Professor (1895) of the Romance Languages and Literatures.*

A.B., Hamilton, 1892; A.M., 1893; Ph.D., Heidelberg, 1896.

JOSEPH DARLING IBBOTSON..... *Librarian (1911). Instructor (1895) in Hebrew.*
A.B., Hamilton, 1890; A.M., 1894.

ARTHUR PERCY SAUNDERS.....*Childs Professor (1900) of Agricultural and of General Chemistry. Dean.*
A.B., Toronto, 1890; Ph.D., Johns Hopkins, 1894.

FRANK HOYT WOOD...*James S. Sherman Memorial Professor (1902) of Political Science.*
A.B., Syracuse, 1891; A.M., 1894; A.B., Harvard, 1892;
Ph.D., Leipzig, 1900.

FREDERICK MORGAN DAVENPORT.....*Maynard-Knox Professor (1904) of Law and Civil Polity.*
A.B., Wesleyan, 1889; Ph.D., Columbia, 1905.

CALVIN LESLIE LEWIS...*Upson Professor (1908) of Rhetoric and Oratorical Training. Director of the Summer School of English.*
A.B., Hamilton, 1890; A.M., New York University, 1901.

CLEVELAND KING CHASE.....*Benjamin-Bates Professor (1911) of Latin.*
A.B., Oberlin, 1891; A.M., 1896.

FRANK HUMPHREY RISTINE.....*Professor (1912) of the English Language and Literature.*
A.B., Wabash, 1905; A.M., Columbia, 1907; Ph.D., 1910.

WILLIAM MASSEY CARRUTH.....*Associate Professor (1907) of Mathematics.*
A.B., Cornell, 1901.

HORACE SEELY BROWN.....*Associate Professor (1908) of Mathematics. Clerk of the Faculty.*
B.S., Lafayette, 1899; M.S., 1905.

RALPH CLEWELL SUPER.....*Associate Professor (1913) of Spanish, French, and German.*
A.B., Ohio University, 1895; Diploma of Grenoble, France, 1899.

NELSON CLARK DALE.....*Associate Professor (1914) of Geology.*
B.S., Middlebury, 1903; A.M., Brown, 1909;
Ph.D., Princeton, 1914.

HAROLD RIPLEY HASTINGS.....*Assistant Professor (1911) of Latin and Greek.*
A.B., Dartmouth, 1900; A.M., Harvard, 1902;
Ph.D., Wisconsin, 1910.

WILLARD BOSTWICK MARSH.....*Assistant Professor (1913) of English.*
A.B., Hamilton, 1912; A.M., 1915.

EDWIN LEAVITT CLARKE.....*Assistant Professor (1914) of Economics and Sociology.*
A.B., Clark, 1909; A.M., 1911.

ELBON HOWARD B. MYERS.....*Director (1915) of Gymnastics and Instructor in Hygiene.*
International Y. M. C. A. College.

COMMITTEES OF THE FACULTY

Schedule and Studies: PROFESSORS FITCH, S. J. SAUNDERS, MORRILL, DALE, HASTINGS.

Undergraduate Activities: PROFESSORS WOOD, A. P. SAUNDERS, LEWIS, CLARKE, MARSH.

Reading: THE PRESIDENT, PROFESSORS LEWIS, BRANDT, DAVENPORT, SHEPARD.

Library: PROFESSORS IBBOTSON, BRANDT, CHASE, SUPER.

Registration: THE PRESIDENT, PROFESSORS BRANDT, FITCH.

Record of Scholarship: THE REGISTRAR, PROFESSORS CARRUTH, BROWN.

Discipline: THE PRESIDENT, THE DEAN, THE CLERK, PROFESSORS CARRUTH, RISTINE.

Catalogue: PROFESSORS IBBOTSON, SQUIRES, CHASE, RISTINE, DALE.

COLLEGE OFFICERS

EDWARD M. COUGHLIN.....	<i>Bursar (1914)</i>
RUTH MARGERY ELLIS.....	<i>Library Assistant (1912)</i>
SOPHIE WILLIAMS.....	<i>Library Assistant (1912)</i>
CARRIE LENA PITCHER.....	<i>Library Assistant (1913)</i>

WHITNEY PALMER.....*Steward of Commons Hall (1915)*

EARLY HISTORY

Hamilton College is the outgrowth of the labors of Samuel Kirkland, missionary to the Oneida Indians through the latter half of the eighteenth century. At the beginning of the Revolutionary War his influence drew many Iroquois to the Colonial cause, and materially contributed to the successful issue of the Battle of Oriskany and the relief of Fort Stanwix. This service of Kirkland won the attention and regard of both Washington and Hamilton. Fifteen years later, when Kirkland determined to establish a school for the Indians and the sons of white settlers, Hamilton gave his support to the project, and became the first trustee of the Hamilton Oneida Academy. The Academy was chartered by the Regents of the State of New York, January 29, 1793. The State and the Indians had granted to Kirkland in 1788 two square miles of land in what is now the Town of Kirkland, a portion of which was set aside for the new institution. Here, in a small clearing, at a spot just south of the present Chapel, the corner-stone of the first building was laid by Baron Steuben, July 1, 1794. The school expanded gradually, until in 1810 its students numbered one hundred and seventy. Two years later, May 26, 1812, the college charter was granted.

AIMS

In a period of rapidly changing educational beliefs, Hamilton College has chosen to preserve the best of the earlier college ideals. It believes in the thorough mastery of subjects of approved disciplinary and cultural value as a means of giving its students a broad and liberal training for life. It

adheres to its classical traditions, believing that in the diversity of modern educational needs and practices there is a definite place for the small college that emphasizes the humanities. It believes that the discipline of language training is an essential part of the preparation for subsequent specialization in any field of study, as well as the basis for a broad knowledge of literature.

While the College thus vigorously maintains the cultural ideal, it aims to slight no subject that is essential to a well-rounded education. The modern languages are not sacrificed to the ancient, nor the natural sciences to philosophic or economic studies. Laboratory training in the methods of science forms an integral part of the scheme of studies prescribed as the basis of a liberal education. At the same time, students may receive thorough preparation for the scientific and medical schools. Instruction in the principles of constitutional government, begun under Theodore W. Dwight, seventy years ago, and extended to follow the advance of constitutional government throughout the world, equips men for intelligent citizenship. The College has long enjoyed a reputation for the efficient training in oratory which it imparts to all its students. In addition to the usual courses of English study, constant work in public speaking is required of every student throughout his course.

By a judicious application of a group system of studies, the College aims to secure breadth without superficiality, and thoroughness without cramping rigidity. It demands hard and intensive work on the part of its students, and it strives to offer them breadth of educational and spiritual outlook.

ADMISSION

METHODS OF ADMISSION TO THE FRESHMAN CLASS

1. By examination at the College. Entrance examinations will be held in the several department rooms, June 13-15, and September 18-23, 1916, as follows:

Tuesday, June 13	Latin, 9 to 12 a. m. Natural sciences, 2 to 5 p. m. Advanced mathematics, 2 to 5 p. m.
Wednesday, June 14	Mathematics, 9 to 12 a. m. English, 2 to 5 p. m.
Thursday, June 15	Greek, 9 to 12 a. m. Modern languages, 9 to 12 a. m. History, 2 to 4 p. m.
Monday, Sept. 18	Latin, 2 to 5 p. m.
Tuesday, Sept. 19	Mathematics, 8:30 to 11:30 a. m. English, 2 to 5 p. m.
Wednesday, Sept. 20	Greek, 8:30 to 11:30 a. m. Modern languages, 8:30 to 11:30 a. m. History, 2 to 4 p. m.
Saturday, Sept. 23	Natural sciences, 2 to 5 p. m. Advanced mathematics, 2 to 5 p. m.

Any of these examinations may be taken one year before the candidate expects to enter college.

2. By certificate of the New York State Education Department. Full credit will be given to all examinations in preparatory subjects conducted by this department. Diplomas and subject pass-cards, issued by it, will be accepted so far as these cover the requirements.

3. **By certificate of the College Entrance Examination Board.** All applications for examinations conducted by this Board must be addressed to the Secretary of the College Entrance Examination Board, P. O. Substation 84, New York City, and must be made upon a blank form to be obtained from the Secretary of the Board at least three weeks in advance of the examination. The fee is five dollars for all candidates examined at points in the United States and Canada.

4. **By certificate from the principal of the school in which the student has been prepared.** Such schools must have been approved by the Faculty of the College. Blank certificates will be sent by the President upon request, and should be filed with him as early as possible. These certificates are itemized, specifying time, topics, and grades.

Students who have tried entrance examinations and have failed to pass are not entitled to the privilege of admission on principals' certificates or Regents' credentials.

REQUIREMENTS FOR ADMISSION

Fourteen and one-half units of secondary school studies are required. A unit in any subject represents a year's study, constituting approximately a quarter of a full year's work. Under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than 120 sixty-minute periods or their equivalent.

The preparatory subjects are divided into two groups, for admission to the Classical and to the Latin-Scientific Courses respectively; but the ultimate classification of students does not depend entirely on the subjects presented for admission. Thus, students who either begin or pursue the study of Greek in college are registered in the Classical Course; all others are registered in the Latin-Scientific Course.

The required units for admission to the two courses are as follows, subject to rules *A*, *B*, *C*, *D*, specified below:

CLASSICAL	LATIN-SCIENTIFIC
English - - - - 3 units	English - - - - 3 units
Algebra - - - - 1½ units	Algebra - - - - 1½ units
Geometry - - - - 1 unit	Geometry - - - - 1 unit
Greek (<i>See Rule B</i>) 3 units	Latin (<i>See Rule B</i>) 4 units
Latin (<i>See Rule B</i>) 4 units	Modern Language 2 units
Ancient History - - 1 unit	History - - - - 1 unit
Elective - - - - 1 unit	Elective - - - - 2 units

The elective subjects that may be presented to complete the fourteen and one-half units in either course are the following:

Elementary German 2 units	European History - 1 unit
Advanced German 1 unit	English History - 1 unit
Elementary French 2 units	American History 1 unit
Advanced French 1 unit	Biology - - - - 1 unit
Elementary Spanish 2 units	Chemistry - - - - 1 unit
Advanced Math'tics 1½ units	Physics - - - - 1 unit
Ancient History 1 unit	

A. A single elementary year of any language will not be counted as fulfilling any unit of these requirements. The third year of advanced language study may, however, be presented as an elective unit in either course.

B. For the fourth year of Latin (one unit) or the third year of Greek (one unit), but not for both, one unit of a modern language may be substituted. This substitution is limited, however, by the requirement of rule *A*.

C. At least one and one-half units of advanced mathematics must be presented in order to be counted as an elective subject in fulfillment of these requirements.

D. Not more than one elective unit in history may be offered.

Part, at least, of the preparatory work in algebra should be done in the final year in the secondary school.

A student slightly deficient in any subject required for

admission may be admitted with a condition in that subject. For the removal of the condition the department concerned will fix a program of study, and will set an examination not later than the opening of the second term. Failure to pass this examination on the date set will count thereafter in the student's record as the equivalent of a failure in a three-hour college course.

DEFINITION OF REQUIREMENTS

ENGLISH

(1) English Grammar and Composition

English grammar should ordinarily be reviewed in the high school, and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition, punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument, based on simple outlines. Finally, special instruction in language and composition should be accompanied by a concerted effort of teachers to cultivate in the student the habit of using good English in all his recitations and various exercises, whether oral or written.

(2) English Literature

The requirement includes, first, a thorough familiarity with at least ten selections made from five groups of books prescribed *for reading*, and second, a more minute knowledge of certain specified examples of the drama, lyric, essay, and oration prescribed *for study*. The books necessary to meet both parts of the requirement are those recommended by the National Conference on Uniform Requirements in English. For 1915-1919 they are as follows:

(A) FOR READING

GROUP 1. CLASSICS IN TRANSLATION (two to be selected). The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired,

of Books 1-5, 15-17; the *Iliad*, with the omission, if desired, of Books 11, 13-15, 17, 21; the *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted. Selections are set off by semicolons.

GROUP 2. SHAKESPEARE (two to be selected). *Midsummer Night's Dream*; *Merchant of Venice*; *As You Like It*; *Twelfth Night*; *The Tempest*; *Romeo and Juliet*; *King John*; *Richard II*; *Richard III*; *Henry V*; *Coriolanus*; *Julius Caesar*; *Macbeth*; *Hamlet*. (The last three plays if not chosen for study under B.)

GROUP 3. PROSE FICTION (two to be selected). Malory's *Morte d'Arthur* (about 100 pages); Bunyan's *Pilgrim's Progress*, Part I; Swift's *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe's *Robinson Crusoe*, Part 1; Goldsmith's *Vicar of Wakefield*; Frances Burney's *Evelina*; Scott's novels, any one; Mrs. Gaskell's *Cranford*; Kingsley's *Westward Ho!* or *Hereward the Wake*; Reade's *The Cloister and the Hearth*; Blackmore's *Lorna Doone*; Hughes' *Tom Brown's School Days*; Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae*; Cooper's novels, any one; Poe's *Tales*; Hawthorne's *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old Manse*; a collection of short stories by various standard writers.

GROUP 4. ESSAYS, BIOGRAPHY, ETC. (two to be selected). Addison and Steele's *Sir Roger de Coverley Papers*, or selections from the *Tatler* and *Spectator* (about 200 pages); selections from Boswell's *Life of Johnson* (about 200 pages); Franklin's *Autobiography*; selections from Irving's *Sketch Book* (about 200 pages), or *Life of Goldsmith*; Southey's *Life of Nelson*; selections from Lamb's *Essays of Elia* (about 100 pages); selections from Lockhart's *Life of Scott* (about 200 pages); Thackeray's lectures on Swift, Addison, and Steele, in the *English Humorists*; Macaulay, any one of the following essays—*Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederick the Great*, *Madame d'Arblay*; selections from Trevelyan's *Life of Macaulay* (about 200 pages); Ruskin's *Sesame and Lilies*, or selections (about 150 pages); Dana's *Two Years before the Mast*; selections from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Greeley, together with a brief memoir; Parkman's *Oregon Trail*; Thoreau's *Walden*; selected essays of Lowell (about 150 pages); Holmes' *Autocrat of the Breakfast Table*; Stevenson's *An Inland Voyage* and *Travels with a Donkey*; Huxley's *Auto-*

biography and selections from the *Lay Sermons*, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; a collection of essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of letters by various standard writers.

GROUP 5. POETRY (two to be selected). Palgrave's *Golden Treasury* (*First Series*), Books 2 and 3, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury* (*First Series*), Book 4, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith's *The Traveller* and *The Deserted Village*; Pope's *The Rape of the Lock*; a collection of English and Scottish ballads; Coleridge's *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron's *Childe Harold*, Canto 3 or 4, and *The Prisoner of Chillon*; Scott's *The Lady of the Lake*, or *Marmion*; Macaulay's *Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivy*; Tennyson's *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *Good News from Ghent*, *Home Thoughts, Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "De Gustibus"—, *Instans Tyrannus*; Arnold's *Sohrab and Rustum* and *The Forsaken Merman*; selections from American poetry, with special attention to Poe, Longfellow, Lowell, and Whittier.

(B) FOR STUDY

GROUP 1. DRAMA (one to be selected). Shakespeare's *Julius Caesar*, or *Macbeth*, or *Hamlet*.

GROUP 2. POETRY (one to be selected). Milton's *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson's *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Palgrave's *Golden Treasury*.

GROUP 3. ORATORY (one to be selected). Burke's *Speech on Conciliation with America*; Macaulay's *Speeches on Copyright*, and Lincoln's *Speech at Cooper Union*; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

GROUP 4. ESSAYS (one to be selected). Carlyle's *Essay on Burns*, with a selection of Burns' poems; Macaulay's *Life of Johnson*; Emerson's *Essay on Manners*.

In addition to a thorough knowledge of the books read and studied, the student should have some familiarity with the facts of English literary history.

MATHEMATICS**(a) Elementary Mathematics**

Elementary Algebra — The four fundamental operations for rational algebraic expressions; factoring, determination of the highest common factor and lowest common multiple by factoring; fractions, including complex fractions and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and negative; quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binomial theorem for positive integral exponents; the formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with applications. Algebra should be reviewed during the last preparatory year.

Plane Geometry — The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

(b) Advanced Mathematics

Advanced Algebra — Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes' rule of signs, and Horner's method, but not Sturm's functions or multiple roots.

Solid Geometry — The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

Plane Trigonometry—Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas; solution of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series); the solution of right and oblique triangles and practical applications.

HISTORY

Ancient History, European History, English History, and United States History and Civil Government may each be offered as one unit for entrance. An accurate text-book of about 500 pages should be covered, and supplemented by suitable parallel readings of about 1000 pages. Attention should be paid to historical geography. The examination will call for comparison of historical characters, periods, and events, and for the exercise of judgment as well as of memory.

LATIN

The requirement for admission by examination is that of the College Entrance Examination Board, as stated below. This statement also indicates the preparation required of a candidate who presents a principal's certificate for admission. The requirement in a modified form is incorporated in the Syllabus of the New York State Education Department, whose credentials are accepted. For a candidate who offers but three units of Latin, requirement I, 2, b, or I, 2, c, below, is omitted.

I. Amount and Range of Reading Required

(1) The reading, without regard to the prescription of particular authors and works, shall be not less in amount than Caesar, *Gallic War*, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, *Aeneid*, I-VI.

(2) The amount of reading specified above shall be selected by the schools from the following authors and works: (a) Caesar, *Gallic War* and *Civil War*, and Nepos, *Lives*; (b) Cicero, orations, letters, and *De Senectute*, and Sallust, *Catiline* and *Jugurthine War*; (c) Vergil, *Bucolics*, *Georgics*, and *Aeneid*, and Ovid, *Metamorphoses*, *Fasti*, and *Tristia*.

II. Scope of the Examinations

(1) **Translation at Sight**— Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

(2) **Prescribed Reading**— Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Vergil, *Aeneid*, I, II, and either IV or VI, at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not receive credit for either part.

(3) **Grammar and Composition**— The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

GREEK

The requirement is substantially as defined by the New York State Education Department in its Syllabus outlining the work of the first, second, and third years; and by the College Entrance Examination Board, under *ai*, *aii*, *b*, *g*, *c*.

(1) Greek Grammar; Xenophon's *Anabasis*, Books 1-4; the translation at sight of easy Greek prose; the translation into Greek of simple sentences based upon Books 1-2 of the *Anabasis*, in order to test the candidate's knowledge of forms and important principles of syntax. (Two units.)

(2) Homer's *Iliad*, Books 1-3 (omitting the catalogue of the ships), or an equivalent amount of the text of Homer. This includes Homeric forms, constructions, and prosody. (One unit.)

The requirements as above stated apply to candidates who are admitted either by certificate or by examination; and to competitors for the Maynard and Brockway Entrance Prizes and the Fayerweather Scholarships in so far as such competitors offer Greek as an entrance subject.

An alternative provision is made for candidates for the John W. Vrooman Freshman Prize Scholarship in Greek. These are examined orally upon the Greek text of the *Gospel of Luke* and upon Homer's *Iliad*, Books 1-3. Candidates who make a satisfactory record in this prize competition will be held to have met requirement 2 above, and so much of requirement 1 as is covered by Books 2-4 of the *Anabasis*. The remaining parts of the total requirement may be satisfied either by examination or upon certificate. A competitor for the Vrooman prize may also enter the Maynard and Brockway prize competition.

MODERN LANGUAGES

The requirements follow the recommendations of the Committee of Twelve of the Modern Language Association of America, upon which the more detailed statements of the College Entrance Examination Board and of the New York State Education Department are based.

In French and German the requirements are divided into (a) elementary (two units), and (b) advanced (one unit). *A single first year* no longer counts as one unit, either in combination with two years of another language or as a substitute for a third year of Greek or a fourth year of Latin. In general a modern language should be treated as a living language which is not merely to be read, but also to be written, spoken, and understood when heard. Hence the accurate acquisition of the foreign sounds and of a standard pronunciation is all important from the beginning, and the "direct" method of teaching the most effective. In the preparatory work great stress should be laid on oral and auricular training; the pupil should receive a constant drill in pronunciation, dictation, and the free reproduction (both in English and in French and German) of phrases read aloud by the teacher. Teachers in preparatory schools should follow the method of oral and aural drill recommended by the Association of Modern Language Teachers of the Middle States and Maryland. The examination will include a suitable test in pronunciation and ability to understand the spoken language. Schools certifying a candidate for admission must state whether he has received this training or not.

(A) French

(a) **Elementary French**—The work of the *first year* should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of adjectives, participles, and pronouns, the use of personal pronouns, adverbs, prepositions and conjunctions, the order of words in a sentence, and the elementary rules of syntax, with constant drill upon exercises illustrating these prin-

ciples; (3) the reading of at least 100 pages of graduated texts, with constant practice in translating into French easy variations of the sentences read, and in reproducing from memory sentences previously read; (4) simple conversation and writing of French from dictation. The work of the *second* year should comprise: (1) the reading of at least 250 pages of easy modern prose in the form of stories, plays, or historical and biographical sketches; (2) constant practice, as in the first year, in translating into French variations on the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the texts already read; (4) writing French from dictation; (5) continued drill in the rudiments of grammar and in the writing of sentences illustrative of the grammatical principles; (6) conversation, and the answering in French by the student of questions based on the text read. Suitable texts for the second year are About's *Le Roi des Montagnes*, Daudet's easier short tales, Erckmann-Chatrian's stories, Malot's *Sans Famille*, Sarcey's *Le siège de Paris*, Labiche's *La Poudre aux Yeux*, *Le Voyage de M. Perrichon*, *La Cagnotte*, extracts from Michelet, Verne's stories.

(b) **Advanced French**—A systematic course of five periods a week, extending over a third school year, in addition to the elementary course, should comprise: (1) at least 400 pages of French of ordinary difficulty, a portion to be in dramatic form; (2) constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; (3) the study of a grammar of moderate completeness; (4) writing from dictation; (5) continuation of the drill in oral and auricular training. At the end of this course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a thorough knowledge of syntax and morphology. Suitable texts are: About's stories, Augier's plays, Béranger's poems, Corneille's *Le Cid* and *Horace*, Labiche's plays, Loti's *Pêcheur d'Islande* and *Ramuntcho*, Molière's *L'Avare*, *Le Bourgeois Gentilhomme* and *Le Médecin malgré Lui*, Racine's *Athalie*, *Andromaque* and *Esther*, George Sand's *La Mare au Diable* and *François le Champi*, Scribe's plays, Thier's *L'Expédition de Bonaparte en Égypte*, Voltaire's historical writings.

(B) German

(a) **Elementary German**—The work of the *first* year should comprise: (1) a thorough, scientific, not merely imitative, acquisition of German sounds and sentence-accent (intonation); (2) drill in the

rudiments of grammar; the declension of articles, nouns, adjectives, and pronouns; the conjugation of weak verbs and of the common strong and irregular verbs; the use of the prepositions that govern the dative, the accusative, or both; the fundamental rules of syntax and word-order; (3) the reading of not less than 75 pages, preferably of graduated texts from a beginner's reader, followed by a comedy of Benedix, such as *Eigensinn* or *Versalzen*, by short stories of Frommel, Baumbach, or by *Biblische Geschichten*; (4) constant practice in translating into German simple exercises and easy variations upon sentences taken from the reading lesson. This and the frequent repetition and memorizing of easy colloquial sentences, proverbs, and short simple poems, form the best starting-point for conversation and dialogue. The work of the second year should comprise: (1) continued drill upon the elements of grammar, abundant illustrations, English and German, preferably from a separate exercise book, of such difficult features as the use of *haben* and *sein* in the active voice; of the modal auxiliaries; the subjunctive; adjectives used as nouns or that have become nouns; (2) continued practice as under first year; (3) the reading of 200 pages, which should include 50 or 60 pages of more difficult selections from the reader rather than three or four short texts with special vocabularies and copious notes. Suitable texts are: short stories such as Wildenbruch's *Das edle Blut*, Frenssen's *Gravelotte*; Eichendorff's *Aus dem Leben eines Taugenichts*; a short tragedy, such as Sudermann's *Teja*; a comedy, such as Moser und Heiden's *Köpningerstrasse 120*, or Freytag's *Die Journalisten*.

(b) **Advanced German**—The work should comprise, in addition to the elementary course, the four following topics: (1) the reading of at least 400 pages of moderately difficult prose and poetry. Suitable texts are: the more difficult short stories of Seidel, Keller, and Raabe; Chamisso's *Peter Schlemihl*; Mogk's *Deutsche Sitten und Gebräuche*; plays such as Fulda's *Unter vier Augen* or his *Talisman*; Sudermann's *Heimat* or Ludwig's *Erbförster*; Schiller's *Tell* or *Jungfrau von Orleans*; Goethe's *Vicar of Seßenheim*; Goethe's *Hermann und Dorothea*. The use of texts with special vocabularies should cease and the use of a comprehensive dictionary should be encouraged. (2) The grammar should be completed by taking up word-formation and the comparison of cognates (German and English words of the same origin, such as *Schwester*—sister; *zehn*—ten; *Urlaub*—furlough); also the nicer uses of the definite article and the compounded verbs that may be separable or inseparable. The study of the more theoretical

grammars of Joynes, Brandt, and Whitney is recommended for this purpose and for the mastery of the technical language of the grammar. (3) Continuance of paraphrasing, abstracting, and reproducing the reading matter. The use of German by teacher and student to the utmost limit. (4) Sight-reading of some easier text with foot-notes.

(C) Spanish

The two years' work should comprise the following: careful drill in pronunciation; a complete study of some good grammar; mastery of all but the rare irregular verbs; the inflection of nouns, adjectives, and pronouns; the essential elements of syntax; the reading of at least 300 pages of modern Spanish prose or verse; exercises containing illustrations of the principles of grammar, and practice in translating into Spanish variations of texts read; writing Spanish from dictation.

BIOLOGY

The requirement of one unit may be satisfied by presenting one of the following subjects:

(a) **General Biology**—The activities of living things should be the central idea. The laboratory and classroom work should include a study of the functions of representative plants and animals and their relation to each other and to their environment. These studies should be bound together by a knowledge of the common laws of living organisms.

(b) **Botany**—A study of examples of the great groups of plants should include the general laws of plant physiology, the fundamental facts of plant structure, and the relation of plants to animals and to man.

(c) **Zoology**—Representative common animals should be studied in field and laboratory that a knowledge of their habits and structure and of their structural and economic relation to man may be obtained. The relationship of plants to animals should also be considered.

As an essential part of any of these methods of meeting the requirement, a certified note-book with drawings and description of work done should be presented with the certificate, or at the time of examination. A more detailed account of the requirement may be found in the Syllabus of the New York State Education Department, or in the Publication of the College Entrance Examination Board.

CHEMISTRY

The requirement is substantially that specified in the Syllabus of the New York State Education Department. Not less than one-half of the course should be individual laboratory work devoted to the preparation and study of the common elements and compounds and to experiments illustrating important laws. The course should also include lecture-table demonstrations and the study of some good elementary text-book, with recitations covering the fundamental laws and theories of chemical combination, and the preparation, properties, and uses of the more important metallic and non-metallic elements, and their compounds.

PHYSICS

A detailed statement of the requirement may be found in the Syllabus of the New York State Education Department, or in the Publication of the College Entrance Examination Board. Preparation should include a knowledge of the general laws and principles of physics as presented in a good text-book, together with at least thirty experiments selected from a list similar to that given in the Syllabus. The student taking the examination here should present his note-book, with certification by the instructor under whose supervision the work was done that the experiments were satisfactory to him and were performed by the student himself.

A student who does not offer a note-book may meet the requirement by showing ability to solve more difficult problems in theoretical physics.

ADMISSION TO ADVANCED STANDING

A student who comes from an approved institution of collegiate rank and presents an official statement of his previous work may receive credit for such work without examination. This statement must include a full list of his accepted preparatory subjects, a list of his college subjects with his record therein, and a letter of honorable dismissal.

To compete for honors or prizes based in any way upon collegiate work done previous to entrance here, a student must pass examinations covering such work.

Any other student may be admitted to advanced standing by passing the necessary examinations of the departments concerned up to the point at which he desires to enter.

ADMISSION TO SPECIAL COURSES OF STUDY

A student of serious purpose, not a candidate for a degree, is admitted to courses which he is competent to pursue, subject to the approval of the departments concerned. A special student is not held strictly to the entrance requirements for the regular courses; but deficiency in any subject must be offset by more advanced preparation in another. He must choose courses amounting to not less than fifteen hours a week, not including public speaking. Biblical study is required. He must attain an average grade of six in the work of each term. In other respects he is subject to the administrative rules governing regular students. He is not eligible to scholarships, honors, or prizes.

A special student attaining a grade of eight for a complete year receives a certificate of proficiency. One who pursues studies for two or more years with an average grade of not less than eight and five-tenths is named on the commencement program as a candidate for a certificate of completed special study.

REGISTRATION

All new students are required to register on the day before the opening of the first term. For this purpose the Committee on Schedules and Studies will be in session from 10 to 12 a. m., and from 2 to 4 p. m. On this day all freshmen will receive their program of studies for the year; and those who, under the regulations for the studies of fresh-

man year, elect a modern language or elementary Greek will then make their election.

All new students meet the Dean in the Chapel at five o'clock on the day of registration.

ENTRANCE PRIZES AND SCHOLARSHIPS

Prizes and prize scholarships are awarded upon the basis of the September examinations as follows:

- (1) The Maynard Prize of \$100.
- (2) The Brockway Prize of \$25.

The five Fayerweather Prize Scholarships, yielding tuition for freshman year.

The John W. Vrooman Prize Scholarship, yielding tuition for freshman year.

A detailed statement regarding these competitions will be found on pages 65 and 72.

There is a limited number of non-competitive scholarships which are available for freshmen. The conditions under which these scholarships are awarded will be found on page 62 under the heading "Scholarships."

RESIDENCE AND GRADUATION

COURSES OF STUDY

There are two regular courses of study, the Classical and the Latin-Scientific. The degree of Bachelor of Arts is conferred only upon those who have done all the required work of the Classical Course in both Latin and Greek. The Classical Course is open (1) to those who present three or two units of Greek for entrance, and (2) to those who, entering under the Latin-Scientific requirements, elect to begin the study of Greek. The Latin-Scientific Course leads to the degree of Bachelor of Philosophy. The degree of Bachelor of Science is conferred upon those who have completed the entire work of at least two departments in Group C.

STUDIES OF FRESHMAN YEAR

The studies of freshman year are prescribed, except in the particulars that are given below. The following is a summary of the work of that year. An odd number indicates a course given in the first term; an even number, one given in the second term. Fuller descriptions of the courses will be found under the heading "Departments of Instruction."

A. REQUIRED OF ALL FRESHMEN:

Mathematics 1-2	3 hours
Latin 1-2	3 hours
Public Speaking 1-3-4 } Writing English 1-2 }.....	4 hours
Bible 1-2	1 hour
Hygiene and Gymnasium	1 hour

B. ADDITIONAL REQUIREMENTS OF CLASSICAL FRESHMEN:

Greek 5-6, or 3-6, or 1-2.....	3 hours
German or French, 1-2 or 3-4....	3 hours

C. ADDITIONAL REQUIREMENTS OF LATIN - SCIENTIFIC FRESHMEN:

German 1-2 or 3-4.....	3 hours
French 1-2 or 3-4.....	3 hours

Regulations Governing Freshman Studies

1. All freshmen are required to take two foreign languages in addition to Latin. These two are chosen by the student from three languages: Greek, German, French (Greek being required of Classical freshmen); and the particular courses taken in each language will depend, as explained below, upon the number of units offered in that language for entrance. A student's choice is not restricted, except in one case: a freshman who enters with two units of Greek must take courses 1-2 in that modern language which he does not offer for entrance.

(a) Courses open to freshmen who have entered without preparation in a given language: Greek 1-2, German 1-2, French 1-2.

(b) Courses open to freshmen who have entered with two units in a given language: Greek 3-6, German 3-4, French 3-4.

(c) Courses open to freshmen who have entered with three units in a given language: Greek 5-6, German 3-4, French 3-4.

Note—A student's freedom of election in later years is to some extent circumscribed by the choice he makes under regulation 1, and in this connection he is advised to read regulations 4, 5, 6a, and 6b, governing electives of sophomore, junior, and senior years.

2. A student who enters with four units of mathematics

must take Mathematics 3-4 instead of 1-2 as stated in the table above.

3. A student who offers science, or history, or Spanish for entrance may continue these subjects only in a later year.

STUDIES OF SOPHOMORE, JUNIOR, AND SENIOR YEARS

Required Studies

In sophomore and junior years three hours of work in the Department of Rhetoric and Oratory are required of all students. In senior year three hours of work are required of all students as follows: one hour in Ethics and Christian Evidences, one hour in Debate, and one hour in Orations 11-12.

Elective Studies

Except for the required work as above described, all studies of the sophomore, junior, and senior years are elective. The choice of studies is made under a group system, the departments of study being assigned to three groups, as follows:

Group A. Foreign Languages, including Anglo-Saxon and Middle English.

Group B. English Literature, History, Philosophy, Economics, Social and Political Science.

Group C. Natural Sciences, Mathematics.

Regulations Governing Electives

1. All courses are continuous for the year and must be elected for the year.
2. All courses are assigned three hours each week.
3. Studies for the last three years are chosen at the end of the freshman, sophomore, and junior years respectively.

4. At least one year-course in one of the natural sciences and at least two year-courses in one of the modern languages are required for graduation.

5. In order to qualify for the A. B. degree, a student who enters with three units of Greek must take courses 5-6; one who enters with two units must take courses 3-6, 7-8; one who begins Greek in college must take courses 1-2, 3-6, 7-8. But a student who offered three units of German or French for entrance, and who has not taken up the study of that language in college, may substitute course 4 in that language for course 8 in Greek in the second and third cases above mentioned.

6. Sophomore studies. Each student must choose five year-courses. Of these, two must be chosen from Group A, and one each from Groups B and C.

(a) A modern language begun in freshman year must be continued through sophomore year.

(b) A student who entered with three units only of Latin must complete Latin 3-4 for graduation, unless in sophomore year he elects Greek 3-6 or 7-8 and continues the study of a modern language. But a student who offered three units of German or French for entrance, and who has not taken up the study of that language in college, may substitute course 4 in that language for Latin 4.

7. Junior and senior studies. During the last two years each student must complete ten year-courses. He may take not less than four courses nor more than six courses in either year; but the choice of four or six courses, rather than five, in either year shall be subject to the approval of the Committee on Schedule and Studies. During junior year he must complete at least one course from each group. During senior year he must complete at least one course from each of two groups.

8. In sophomore, junior, or senior year a student may elect any preceding course to which he is eligible, if the schedule of hours permits.

Note — The choice of studies for the year must be made not later than the designated day in May; the day for juniors being the fourth Wednesday, for sophomores the preceding Tuesday, for freshmen the preceding Monday. All elective cards must conform to the regulations 1-8, as given above, and all courses must be numbered and indicated as in the Summary of Elective Studies. The Committee on Schedule and Studies will assign courses to a student who does not return his elective card properly filled on or before the appointed day. No student may change his program of studies for the year later than 3 p. m. of the day before the opening of first term, and then only upon written application to the chairman, giving reasons satisfactory to the Committee.

SUMMARY OF ELECTIVE STUDIES BY GROUPS

SOPHOMORE YEAR

Group A

GREEK 7-8: Plato, Theocritus.

GREEK 3-6: Intermediate Greek, Odyssey.

LATIN 3-4: Tacitus and Pliny, Catullus and Cicero.

GERMAN 3-4: Intermediate German, Modern Plays and Novels.

GERMAN 5-6: Lyric Poetry, Historical Tragedy.

FRENCH 3-4: Intermediate French, Modern Comedy.

FRENCH 5-6: Tragedy, Comedy.

Group B

ENGLISH LITERATURE 1-2: General Introduction, 19th Century Poets.

PHILOSOPHY 1-2: Psychology, Logic.

HISTORY 1-2: Medieval, Modern.

POLITICAL SCIENCE 1-2: Elements of Political Science.

Group C

MATHEMATICS 3-4: Analytic Geometry, Differential Calculus.

BIOLOGY 1-2: General Biology.

CHEMISTRY 1-2: Elementary College Chemistry.

JUNIOR YEAR**Group A**

GREEK 9-10: The Drama.

GREEK 7-8: Plato, Theocritus.

LATIN 5-6: Drama, Satire.

GERMAN 5-6: Lyric Poetry, Historical Tragedy.

GERMAN 7-8: Goethe, Lessing.

FRENCH 5-6: Tragedy, Comedy.

FRENCH 7-8: Prose, Poetry.

SPANISH 1-2: Elementary Spanish.

ENGLISH LANGUAGE 1-2: Anglo-Saxon, Middle English.

Group B

ENGLISH LITERATURE 3-4: Seventeenth and Eighteenth Centuries.

PHILOSOPHY 3-4: Plato to Kant, Kant to Spencer.

HISTORY 3-4: England, 19th Century.

HISTORY 5-6: American History to 1789, 1789 to 1915.

ECONOMICS 1-2: Principles of Economics, Economic Problems.

ECONOMICS 7-8: Introduction to Sociological Theory.

POLITICAL SCIENCE 3-4: Constitutional Government.

Group C

MATHEMATICS 5-6: Calculus, Analytic Geometry.

BIOLOGY 3-4: Zoology, Embryology.

CHEMISTRY 5-6: Organic Chemistry.

PHYSICS 3-4: Electricity and Magnetism.

GEOLGY 1-2: General Geology.

GEOLGY 5-6: Mineralogy.

GEOLGY 7-8: Physiography.

SENIOR YEAR**Group A**

GREEK 9-10: The Drama.

LATIN 7-8: History of Latin Literature.

LATIN 9-10: Roman Art.

GERMAN 7-8: Goethe, Lessing.

GERMAN 9-10: History of German Language and Literature.

FRENCH 7-8: Prose, Poetry.

FRENCH 9-10: Romance Philology, Medieval Literature.

ITALIAN 1-2: Modern Italian, Dante.

SPANISH 3-4: Advanced Grammar and Modern Prose.

HEBREW 1-2: Grammar, Historical Prose.

Group B

WRITING ENGLISH 5-6: Advanced English Composition.

ENGLISH LITERATURE 7-8: Shakespeare and Elizabethan Drama.

PHILOSOPHY 5-6: Current Problems, Philosophical Classics.

PHILOSOPHY 7-8: Pedagogy.

POLITICAL SCIENCE 5-6: International Law, International Relations.

LAW 1-3: Democracy, National Questions.

LAW 5, ECONOMICS 4: Elementary Law, The Labor Problem.

ECONOMICS 3-4: Public Finance, The Labor Problem.

Group C

MATHEMATICS 7-8: Differential Equations, Projective Geometry.

BIOLOGY 5-6: Bacteriology, Histology and Physiology.

CHEMISTRY 5-6: Organic Chemistry.

PHYSICS 3-4: Electricity and Magnetism.

PHYSICS 5-6: Astronomy, Laboratory Practice.

GEOLOGY 3-4: Structural and Historical Geology.

GEOLOGY 5-6: Mineralogy.

DEPARTMENTS OF INSTRUCTION

An odd number indicates a course given in the first term; an even number, one given in the second term.

All courses are assigned three hours a week, except as otherwise stated.

Group A

GREEK

PROFESSOR FITCH

ASSISTANT PROFESSOR HASTINGS

Courses 5 to 12 form a program for four years, based upon a college preparation of three units. Courses 1-2 are designed for those who begin Greek in college. For such students courses 3 and 6 constitute a second year's work; 7 and 8 (or, under assignment of the instructor, 5 and an equivalent of 8 in some prose author) constitute a third year's work; a fourth year is possible in courses 9-10 or 11-12.

1-2. **Elementary Greek.** Goodwin's Grammar is used from the beginning. Attention is devoted to Attic forms and syntax in connection with readings from the *Anabasis*. Exercises in writing Greek continue throughout the year. *Open to freshmen who enter without Greek.*

3. **Intermediate Greek.** Selections from Homer's *Iliad*. Homeric forms, constructions, and prosody. *Prerequisite, 1-2, or two units of entrance Greek.*

5. **Lysias.** This course includes a review of grammar, work in prose composition, and an introductory study of rhetorical style. *Required of freshmen who enter with three units of Greek.*

6. **Homer's Odyssey.** In alternate years selections are read from Books 1-12 and 13-24, with particular attention to the structure of the poem, to Homeric antiquities, and to the historical aspects of the language. *Prerequisite, 3 or 5.*

7. **Plato.** *Apology, Crito*, and portions of the *Phaedo*. A study of the character of Socrates as portrayed by Plato and of the more general aspects of his significance as a thinker. *Prerequisite, 6.*

8. Theocritus. The *Idylls* are illustrated by parallel passages from the other Alexandrian poets. *Prerequisite*, 7.

9-10. The Drama. Careful interpretation of a tragedy of Sophocles or Euripides, followed by rapid reading of other selected tragedies. Aristophanes is studied in similar manner. The year's work includes a survey of Greek poetry from Homer to the drama. *Prerequisite*, 8. *Alternates with 11-12.*

11-12. Prose Writers. Thucydides, Book 1; the sources of Greek history. Plato's *Euthyphro*, with an introductory study of Greek religion. The New Testament in Greek; selections from *The Acts*. *Prerequisite*, 8. *Alternates with 9-10.* (Not offered in 1916-17.)

In connection with 5, 6, 7, 9, 10, illustrated lectures on art and archaeology are given, and collateral reading is required. The topics treated are: the Acropolis, its history and monuments; the Cretan and Mycenean periods; the Parthenon; the monuments of Olympia and Delphi.

LATIN

PROFESSOR CHASE

ASSISTANT PROFESSOR HASTINGS

1. Livy. Selections from Books I, XXI, and XXII, with a review of Latin grammar and prose composition.

2. Horace. A purely literary study of the *Odes* and *Epodes*.

3. Tacitus and Pliny. Reading of the *Agricola* of Tacitus and selected letters of Pliny, with a study of the literature and society of the Silver Age.

4. Catullus and Cicero. Reading of the poetry of Catullus and selected letters of Cicero, with a study of the political and social history of the period.

5. Roman Drama. One tragedy of Seneca read rapidly; Plautus and Terence. Emphasis is placed on Roman comedy; several plays are read.

6. Roman Satire. After a brief introduction to early satire, attention is devoted mainly to the reading of Horace and Juvenal.

7-8. History of Latin Literature. This course consists primarily of extended readings from the Latin authors; with lectures, and the

reading of modern authorities. In second term, certain problems connected with the language as well as the literature are considered. *Two hours. To receive credit for this course, 9-10 must also be taken.*

9-10. Roman Art. This course includes such topics as the relation of Roman to Greek art, Roman painting, sculpture, architecture, processes of construction, and other problems in Roman archaeology. Lectures and reading. *One hour. Advanced courses in Latin are not prerequisite, but to receive credit for this course, 7-8 must also be taken. Open to juniors and seniors.*

Except as noted immediately above, each course calls for the preceding course as a prerequisite, unless permission to elect has been granted by the instructor.

GERMAN

PROFESSOR BRANDT

ASSOCIATE PROFESSOR SUPER

Courses 1 to 4 are planned to give not only a sound preparation for speaking German, but also a fluent reading knowledge, which is useful in junior and senior subjects and required in the best graduate and professional schools. To insure this proficiency, a student entering without German should begin it freshman year, as there is no assurance of an opportunity to elect back later. Courses 5 to 10 aim to give an intimate acquaintance with the language, literature, and civilization of Germany.

1-2. Elementary German. Thorough grounding in pronunciation, forms, and syntax. From the beginning stress is laid on writing and speaking. Selections from a Reader. In second term, Schiller's *Tell* is added to the readings. *Required of Latin-Scientific freshmen who enter without German. Elective for other students.*

3. Intermediate German. Grammar, word-formation; prose composition on difficult syntactical points. Reading of Schiller's *Jungfrau von Orleans* and Goethe's *Hermann und Dorothea*; historical prose from the Reader. *Prerequisite, 1-2, or the equivalent in entrance German.*

4. Modern Plays and Short Novels. Rapid reading for the expansion of the vocabulary. Increased sight translation.

Courses 3-4 are required of sophomores who have taken 1-2 as freshmen, and of Latin-Scientific freshmen who offer German for entrance.

5. **Lyric Poetry.** From Walter von der Vogelweide to the present day. Echtermeyer's *Auswahl Deutscher Gedichte* and *The Oxford Book of German Verse*. Alternative: THE GERMAN ROMANTIC SCHOOL. Extra readings, with abstracts in German, are assigned. *Open to Classical juniors and Latin-Scientific sophomores.* *Prerequisite, 3-4, or the equivalent in entrance German.*

6. **Masterpieces of Historical Tragedy.** Especially those of the classical period: Schiller's *Don Carlos* and *Wallenstein*; Goethe's *Egmont*. Modern plays by Grillparzer, Hebbel, and Wildenbruch.

7. **Goethe.** Life and works, centering in *Faust* I and II. *Open to Classical seniors and Latin-Scientific juniors.*

8. **Lessing.** Plays and Prose Works. Lewisohn's *German Style*.

9-10. **History of the German Language and Literature.** German lectures and essays. Selected readings from Middle High German and sixteenth century literature. History of the language, etymology and phonology. *Open to juniors and seniors who have completed 3-4.*

ROMANCE LANGUAGES

French

PROFESSOR SHEPARD

ASSOCIATE PROFESSOR SUPER

1-2. **Elementary French.** Grammar, including careful drill in pronunciation, easy reading, composition, conversation, dictation. The oral method is used extensively and as early as possible. *Required of Latin-Scientific freshmen who enter without French. Elective for other students.*

3. **Intermediate French.** Reading of modern prose fiction, short stories, etc. Advanced composition. Continued practice in dictation and conversation, based on the texts read. *Prerequisite, 2.*

4. **Modern French Comedy.** Rapid reading of selected plays; writing of abstracts, and conversation based on texts read. Special attention to pronunciation and to reading without translating. *Prerequisite, 3.*

Courses 3-4 are required of sophomores who have taken 1-2 as freshmen, and of Latin-Scientific freshmen who present French for entrance.

5. **French Tragedy.** Corneille to Rostand. Reading in class of selected plays of Corneille, Racine, Hugo, and Rostand. Many others

are assigned for outside reading. *Résumés* and critiques in French of assigned outside reading; lectures in French on the history of tragedy. *Prerequisite*, 4.

6. French Comedy. Molière to Dumas *fils*. Reading in class of selected plays of Molière, Beaumarchais, Marivaux, Musset, Augier, and Dumas *fils*. *Résumés* and critiques in French of assigned outside reading; lectures in French on the history of comedy. *Prerequisite*, 5.

7. Modern Prose Literature. Descartes to Renan. Reading and *explications* in French of selected texts from the chief modern prose authors. Study of the development of French prose, with Lanson's *Histoire de la littérature française* as a foundation. Outside readings, *résumés*, critiques, and lectures. *Prerequisite*, 6.

8. French Poetry. Villon to Verlaine. Reading and *explications* in French of selected texts from the chief French poets, with *The Oxford Book of French Verse* as foundation. Study of French versification and of the development of lyric and narrative poetry. Outside readings, critiques, and lectures. *Prerequisite*, 7.

9. Romance Philology. Introduction to the comparative and historical grammar of the Romance languages, with special attention to Old French and Provençal. Reading of selected texts. *Prerequisites*, French 6, Latin 4.

10. Medieval Literature. Reading of selected extracts, and comparative and historical study of the lyric and narrative poetry of the Middle Ages, especially in Old French and Provençal. Special attention to the Carolingian and Arthurian cycles, their origin and diffusion from the earliest times down to Tennyson and Wagner. *Prerequisite*, 9.

Spanish

ASSOCIATE PROFESSOR SUPER

1-2. Elementary Spanish. Pronunciation, inflection, the laws of syntax and their application. Translation of simple prose; writing from dictation; oral and written exercises in composition. *Open to juniors*.

3-4. Advanced Grammar and Modern Prose. Continued practice in composition, dictation, and oral drill. Translation and sight reading, with constant reference to morphology and idiom in connection with the text. Representative works of such authors as Cervantes, Alarcón, Galdós, Valera, Valdés. *Prerequisite*, 1-2.

Italian**PROFESSOR SHEPARD**

1. Introduction to Modern Italian. Grammar, composition, rapid reading. The object of this course is the acquisition of a reading knowledge of modern Italian. Manzoni's *I promessi sposi* and selected short stories are used as texts. *Open to seniors. Prerequisite, French 4, Latin 4.*

2. Introduction to the Study of Dante. Reading of the *Vita Nuova* and of selected *canti* of the *Divina Commedia*, with much outside reading, including a study of Dante and his times, especially his relation to earlier poetry, Provençal and Italian, and to the religious and political thought of the Middle Ages.

ENGLISH LANGUAGE**PROFESSOR RISTINE**

1. Anglo-Saxon. An introduction to the language and literature of England before the Norman Conquest. Bright's *Anglo-Saxon Reader* is the basis of study, accompanied by lectures on the history, structure, and vocabulary of the English language. *Open to juniors and seniors who have studied German.*

2. Middle English. Chaucer, his century, and his contemporaries. *The Canterbury Tales* are read, parts of the *Troilus and Criseyde* and the minor poems, and selected texts illustrating the various Middle English dialects and literary types. *Prerequisite, I.*

HEBREW**PROFESSOR IBBOTSON**

1. Elementary Grammar and Reading. Exercises in translation from English into Hebrew. Selections from *Genesis*. Harper's *Hebrew Method and Manual*, and *Elements of Hebrew*. *Open to seniors.*

2. Historical Prose. Hebrew syntax. Chapters from *Ruth, Samuel*, and *Kings*. Kittel's *Biblia Hebraica*. Brown, Briggs, and Driver's *Hebrew Lexicon*.

Group B
ETHICS AND APOLOGETICS

PRESIDENT STRYKER

1-2. Biblical Study. The history of the English Bible and the study of the origins of the Bible, that is, the outline of its growth and moral sequence. A portion of the time may be given to instance work in method of interpretation of the actual text. *One hour. Required of freshmen.*

3-4. Ethics and Christian Evidences. First term: The history of ethical theory; its central importance; the basis of moral obligation; the resultant duties to God and to man; the interpretation of conscience; the moral purpose to be sought in the whole complex of society. A text-book is used. Second term: The religious argument from the natural creation, and the evidences of Christ's portrayal in Holy Scripture and his revelation in history as the Divine Redeemer of the world. *One hour. Required of seniors.*

RHETORIC AND ORATORY

PROFESSOR LEWIS

ASSISTANT PROFESSOR MARSH

Public speaking in some form is required of every student from the time he enters until he graduates. Theme-writing extends through the first two years; and during the last two, composition, oral and written, is continued in discussions, orations, and debates.

It is believed that the mastery of English cannot best be taught by written method alone. Since the language of daily life is mainly oral, the greater part of the instruction in it should also be oral rather than written. The most recent movement in the pedagogy of English is towards this idea, long incorporated in our practice.

All courses in this department, except Writing English 5-6, are required, and all are one-hour courses unless otherwise stated.

Writing English

1. Freshman Writing English. The study and application of the elementary principles of English composition. The technique of writing. Weekly themes.

2. Freshman Rhetoric and Writing English. A continuation of 1, together with the study of rhetoric. *Three hours a week.*

3-4. Sophomore Writing English. Advanced study and practice. Weekly themes.

5-6. Advanced English Composition. This course is for ten selected seniors, who under supervision criticise freshman themes (Writing English 1-2). Each has a group of six to eight freshmen for whose themes he is largely responsible. There is a conference over each piece of writing. The results of this work are subject to revision by the instructor. The meetings of the class are occupied with discussions of special forms of writing, and considerable practice work in each form is done. This course is useful for men who are planning to teach English or to become journalists. *Three hours.*

Public Speaking

1. Elements of Public Speaking. The production and control of the voice, vowel and consonant sounds, the correction of vocal faults. The voice in speech: articulation, pronunciation, force, rate, pitch, timbre, emphasis, inflections, delivery, phrasing. Personality in speaking: physical interpretation, gesture, action. Short speeches (125-200 words) every two weeks. *Two hours, first term freshman year.*

3-4. Freshman Declamation. Each freshman appears three times during the year with a prose declamation 350-400 words in length. Three drills are required for each appearance.

5-6. Sophomore Declamation. Each sophomore appears once each term with a prose declamation 350-400 words in length. Two drills are required for each appearance. The second declamation may be original.

7-8. Junior Declamation. Each junior appears each term with an original short speech about 400 words in length. One drill is required for each appearance.

9-10. Junior Discussions. Original argumentative orations, 700-900 words in length, on approved propositions, affirmative and negative. Each junior appears once a term. No drills required.

11-12. Senior Orations. Each senior appears once each term with an original oration on an approved subject, 800-1000 words in length. No drills required.

13. Sophomore Debate. Classroom study of the theory of argumentation and debate, including the analysis of propositions, methods of proof and rebuttal, briefing, and platform practice.

14. Sophomore Debate. Classroom debates from briefs made in 13.

15-16. Junior Debate. Advanced classroom debates.

17-18. Parliamentary Law and Debate. At the beginning of senior year five weeks' instruction in parliamentary law is given. After this, class-room debates are resumed and continue through the year.

ENGLISH LITERATURE

PROFESSOR RISTINE

ASSISTANT PROFESSOR MARSH

1. General Introduction to English Literature. A rapid survey of the facts of English literary history from the beginnings to the nineteenth century, supplemented by outside reading, and accompanied by classroom study of Beowulf (in translation), Spenser, Milton, and Pope.

2. Chief British Poets of the Nineteenth Century. Special study of Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning, and others. Lectures, recitations, and essays. *Prerequisite, 1.*

Courses 1-2 are open to all who have completed the freshman year and are prerequisite to all further work in English literature.

3. English Literature in the Seventeenth Century. The work includes the seventeenth century lyric; the poetry and prose of Milton; the work of Bunyan, Browne, Dryden, and others; with special stress on the social and political conditions of the time. *Prerequisite, 1-2.*

4. English Literature in the Eighteenth Century. Study of selected masterpieces from the Augustan writers, with wide outside reading in the literature of the century. Special attention to the development of modern prose style, the rise of the periodical essay and the pamphlet, and the beginnings of the novel. *Prerequisite, 3.*

5. The Romantic Period of English Literature. The poets and prose writers concerned in the revival of imaginative literature between 1780 and 1832, particularly Cowper, Burns, Wordsworth, Coleridge, Lamb, Hazlitt, and DeQuincey. *Prerequisite, 1-2.* (Not offered in 1916-17.)

6. The Victorian Era of English Literature. A study of as many of the Victorian writers as time permits—Macaulay, Carlyle, Mill, Arnold, Tennyson, the Brownings, Newman, Ruskin—with a course of outside readings in the nineteenth century novel. *Prerequisite, 5.* (Not offered in 1916-17.)

7-8. Shakespeare and the Elizabethan Drama. Shakespeare is the center of study for the year. All the plays are read, with critical study of certain dramas representative of the different stages in the development of his art. Lectures on the history of the drama from the beginnings to 1642; collateral reading in the minor Elizabethan playwrights. Library topical work and practice in handling original sources. Term theses required. *Open to seniors who have completed with credit at least one year-course in this department.*

For Anglo-Saxon and Middle English, see under English Language, page 41.

PHILOSOPHY

PROFESSOR SQUIRES

1. Psychology. A general introduction to the study of philosophy and pedagogy. The elements of descriptive, physiological, and genetic psychology. Text-book, lectures, and reports on assigned readings.

2. Logic. Deductive and inductive logic, with rules of evidence as formulated by such writers as Greenleaf or Stephen.

Courses 1-2 are open to all who have completed freshman year.

3. Plato to Kant. The problems of philosophy from Plato to Kant. Lectures, papers, and readings from sources.

4. Kant to Spencer. The modern schools of philosophy from Kant to Spencer, with emphasis on the metaphysics and aesthetics of the period, and the relation of philosophy to current belief.

5. Current Problems in Philosophy. Studies in pragmatism, idealism, realism; in social, abnormal, and experimental psychology; and in advanced logical theory. *Prerequisite, 3-4.*

6. Philosophical Classics. The reading of Kant's *Critique of Pure Reason*, Locke's *Essay Concerning Human Understanding*, Schopenhauer's *The World as Will and Idea*; or American philosophical writers. *Prerequisite, 5.*

7. Pedagogy. The history, science, principles, and theory of education. *Open to seniors. Prerequisite, 1-2.*

8. Pedagogy. The practical problems of education, including methods, teaching, and the reading of educational classics. *Prerequisite, 7.*

Teachers' Certificate. Under the rules of the New York State Education Department, a "Professional Certificate," valid for three years, is granted to a graduate of an approved college. At the end of

three years' successful experience in teaching, a "College Graduate Certificate" will be issued, valid for life. This exempts from further examination, except in certain cities. A student who desires this certificate must complete the course in pedagogy approved by the Education Department.

HISTORY

1. Medieval History. General survey of the history of Western Europe from the fall of Rome to the Renaissance. Lectures, frequent tests, and reports upon assigned topics.

2. Modern History. From the middle of the fifteenth century to the French Revolution.

Courses 1-2 are open to all who have completed freshman year.

3. History of England. From the earliest times to the close of the American Revolution. In connection with political history special attention is given by synchronological outlines to the literature of each period and to the growth of constitutional government. *Prerequisite, 2.*

4. History of the Nineteenth Century. The French Revolution and its results. The reconstruction after the fall of Napoleon, and the development of modern Europe. *Prerequisite, 3.*

5. American History to 1789. The European background of colonial enterprise. The causes and character of colonial activity. The colonizing systems of Spain, France, and England. English institutions in America. Trade and industry as causes of independence. *Open to juniors. Recommended preparation, 1-2.*

6. American History, 1789-1915. Political history of the United States, and briefly of Latin America. Development of trade and industry. Territorial expansion. Evolution of democracy. Slavery and reconstruction. Industrial reorganization and expansion. *Prerequisite, 5.*

POLITICAL SCIENCE

PROFESSOR WOOD

1-2. Elements of Political Science. Garner's *Introduction to Political Science* as text-book. Library work in the great ancient and modern writers on the subject. Reports and discussions. *Open to sophomores.*

3-4. Constitutional Government. The government of the United

States, national, state, and local, compared with typical foreign systems, their legal frames, and their actual workings. Municipal government. *Open to juniors.*

5-6. International Law and International Relations. The principles of international law and diplomacy. Progress and problems of international organization. The relations of the United States with Latin America, with European groups, and with the Far East. The European alliances. *Open to seniors.*

LAW AND CIVIL POLITY

PROFESSOR DAVENPORT

1. The Theory and Practice of Democracy. The nature, development, merits, and limitations of democracy, with particular attention to the course of popular government in the United States.

3. National Questions. The economic, social, and political problems of American citizenship.

Courses 1 and 3 are the equivalent of a year-course. Open to seniors.

5. The Elements of Law. The topics covered include the sources, nature, and development of law, the characteristics of the common law and of equity, the rights of the person and of property, contracts, agency, bailments, corporations. Collateral reading from Holland's *Elements of Jurisprudence* and Blackstone's *Commentaries*.

Course 5 and Economics 4 constitute a year-course. Open to seniors. Prerequisite Economics 1-2.

ECONOMICS AND SOCIOLOGY

ASSISTANT PROFESSOR CLARKE

1. Principles of Economics. An introduction to economic theory, aiming to give the student a grasp of the fundamental principles underlying modern economic life.

2. Economic Problems. An elementary study of problems, such as money and banking, the tariff, the trusts, railroads, and socialism, considered in the light of principles developed in Course 1.

Courses 1-2 are open to juniors.

3. Public Finance. A study of the general principles of expenditure, the shifting and incidence of taxation, the advantages and defects of particular taxes, the public debt, and the budget. *Prerequisite, 2.*

4. The Labor Problem. A brief summary of the conditions creating a permanent class of wage earners in the modern state, an analysis of the social and economic characteristics of the working class, and an outline of the development and function of labor organizations. Especial attention is given to the problem of the relation of the state to labor, as expressed in factory legislation, minimum wage laws, and workingmen's insurance. *Prerequisite, 3.*

5. The American People. A consideration of the composition of the population of the United States, and the contribution of each of its elements to the national character. Such problems as immigration, the negro, the decline of the rural population, the declining birth rate, and eugenics are studied. *Open to juniors.* (Not offered in 1916-17.)

6. An American Community. A consideration of the problems of public health, housing, industrial conditions, schools, recreation, delinquents, defectives, charities, and local administration. *Open to juniors.* *Prerequisite, 5.* (Not offered in 1916-17.)

7-8. Introduction to Sociological Theory. A study of the nature and origin of social organization and of the development of social self-control. This is followed by a brief consideration of the early history of man and the development of social institutions. *Open to juniors.* *Recommended preparation, Biology 1-2, History 1-2.*

Group C

MATHEMATICS

ASSOCIATE PROFESSOR CARRUTH

ASSOCIATE PROFESSOR BROWN

1. Algebra. Graphical representation, complex numbers, theory of equations, determinants, partial fractions, continued fractions, inequalities, permutations and combinations, probability. Text-book: Rietz and Crathorne's *College Algebra*.

2. Trigonometry. Theory and use of logarithms, definitions and relations of the trigonometric functions of acute angles and of angles in general, the solution of right and oblique triangles.

Courses 1-2 are required of all freshmen except those who enter with four units of mathematics.

3. Analytic Geometry. An elementary course in plane analytic

geometry. Cartesian and polar coördinates, simple curve-tracing, study of the straight line and conic sections. *Prerequisite, 1-2.*

4. Differential Calculus. Differentiation of algebraic and transcendental functions. Simple applications to algebra, geometry, and mechanics. *Prerequisite, 3.*

5. Calculus. Technique of integration. The definite integral, and applications to geometry and mechanics. Further study of differential calculus, including change of variable, partial differentiation, expansion of functions. *Prerequisite, 4.*

6. Analytic Geometry. Analytic geometry of three dimensions, including a brief discussion of quadric surfaces. Applications of calculus to analytic geometry of two and three dimensions. *Prerequisite, 5.*

7. Differential Equations. The solution of the simpler types of differential equations, with applications to physics. *Prerequisite, 5.*

8. Projective Geometry. Elementary synthetic geometry, involving ranges of the first and second order, and constructions. *Prerequisite, 3.*

BIOLOGY

PROFESSOR MORRILL

1-2. General Biology. The observation of living organisms representing the great groups of plants and animals, together with the study of their structure, is used as an introduction to the phenomena of life. After the general study of both plants and animals, attention is focused on animal biology, followed in the second term by the study of plant biology. In the laboratory and lectures emphasis is placed on the function and form of organs as dependent on each other, and on the laws of living organisms.

Courses 1-2 require two hours in the lecture room and four hours in the laboratory each week, but are reckoned as three-hour courses. *Prerequisite to all later courses. Laboratory fee, \$15.*

3. Zoology. The study of examples of the invertebrate animals is followed by the study of the anatomy of the cat, as a representative vertebrate. This course is valuable as a preparation for the study of comparative anatomy, psychology, or medicine. *Prerequisite, 1-2.*

4. Embryology of Vertebrates. The study of the development of the frog and the chick, supplemented by that of an elasmobranch

and a mammal, gives an opportunity to trace the growth of the organs of the body, and serves as an introduction to microscopical technique. *Prerequisite, 3. Laboratory fee for 3-4, \$15.*

5. Elementary Bacteriology. A familiarity with the methods of bacteriology is secured by the study of non-pathogenic bacteria and by an introduction to the technique of water and milk examination. *Prerequisite, 4.*

6. Histology and Physiology. The minute structure of the organs of vertebrates as a basis for the study of physiology. The phenomena of motion, secretion, and excretion, are considered. *Prerequisite, 5. Laboratory fee for 5-6, \$15.*

CHEMISTRY

PROFESSOR A. P. SAUNDERS

All courses in chemistry require two hours in the lecture room and four hours in the laboratory each week, but are reckoned as three-hour courses. The laboratory fees are \$10 each term.

1. Elementary College Chemistry. A thorough discussion of the fundamental laws and theories of chemistry, together with a study of the gaseous elements and a few of the metals. In the lecture room special emphasis is laid on chemical calculations, and in the laboratory a considerable number of quantitative experiments are made, to illustrate the laws of combining proportions, etc.

2. College Chemistry. A study of elements not taken up in 1. Chemical calculations. The periodic system of the elements. *Prerequisite, 1.*

3. Qualitative Analysis. Theory of solution. Application of the ionization theory to analytical procedure. *Prerequisite, 2. (Not offered in 1916-17.)*

4. Quantitative Analysis. Study of selected typical gravimetric and volumetric methods. *Prerequisite, 3. (Not offered in 1916-17.)*

5. Organic Chemistry. Aliphatic compounds. *Prerequisite, 2.*

6. Organic Chemistry. Aromatic compounds. A part of the course is devoted to the chemistry of nutrition, agricultural chemistry, or other selected special topics. *Prerequisite, 5.*

Courses 5-6 alternate with 3-4 in successive years.

PHYSICS

PROFESSOR S. J. SAUNDERS

1. **Mechanics and Heat.** Lectures and recitations. *Open to juniors and seniors.* (Not offered in 1916-17.)
2. **Sound and Light.** Lectures and recitations. *Open to juniors and seniors.* (Not offered in 1916-17.)
3. **Electricity and Magnetism.** Lectures and recitations. *Open to juniors and seniors.*
4. **Electricity and Magnetism.** Lectures and recitations. *Prerequisite, 3.*

Courses 1-2 alternate with 3-4 in successive years.

5. **Descriptive Astronomy.** Lectures and recitations. *Open to seniors.*

6. **General Laboratory Practice.** Quantitative work with written reports and discussions of the results of the experiments. *Prerequisite, 1-2 or 3-4. Laboratory fee, \$4.*

GEOLOGY

ASSOCIATE PROFESSOR DALE

- 1-2. **General Geology.** An elementary course, including the various external and internal geological agencies and processes responsible for the past and present configuration of the land, the general composition and structure of the earth's crust, and a brief outline of the geological history of the earth. Lectures, recitations, laboratory, and field trips. *Open to juniors.*

- 3-4. **Structural and Historical Geology.** The composition and structure of the earth's crust, with an introduction to the study of ore deposits. The history and evolution of the earth from its origin to recent times, including the geographical, structural, and climatic changes together with descriptions of the characteristic life of each geological period. Lectures, recitations, laboratory, and field trips. *Prerequisite, 1-2.*

- 5-6. **Mineralogy.** Descriptive and determinative mineralogy. A study of the rock-forming minerals and others of special scientific and economic importance. Crystallography, and elementary optical properties of minerals. Lectures and laboratory. *Open to juniors and seniors. Prerequisite, Chemistry 1-2. Laboratory fee, \$3 for the year.*

7-8. Physiography. The description, origin, and interpretation of the earth's relief features, and their influence upon life. Lectures, recitations, laboratory, and field trips. *Open to juniors.*

PHYSICAL EDUCATION

DIRECTOR MYERS

1-2. Hygiene and Physical Education. Personal and public hygiene, including lectures on the care of the body, sex instruction, general and corrective exercises, ventilation, home and village sanitation, and practical instruction in first aid and resuscitation. Practical work in gymnastics and swimming throughout the year. Indoor and outdoor group games and athletics, calisthenics, apparatus work, Indian clubs, etc., with special leadership training. *Required of freshmen. Three periods a week for the year. One-hour credit.*

3-4. Physical Training. Advanced work on apparatus, in swimming and diving, and special gymnastic drills. *Required of sophomores, and elective for juniors and seniors. A student whose work is unsatisfactory must repeat the course or otherwise make up the deficiency. Two periods a week from November 15 to Easter Recess.*

ADMINISTRATIVE RULES

1. Standing and Delinquency

(a) GRADES. All grades are on a scale of ten. Each absence from a classroom exercise in excess of the regular allowance for the course counts as a zero in scholarship record. An instructor may require any classroom work lost by absence to be made up. Standing in any course is represented by a single mark, which combines term and examination grades in the approximate ratio of three to one, or in such ratio as the instructor may determine. Instructors report to the Registrar the one resultant mark.

On the basis of scholarship for the year, four groups are formed of each class: (i.) High Honor, those whose average is 9 or over; (ii.) Honor, those whose average is 8.5 to 9; (iii.) Credit, those whose average is 8 to 8.5; and (iv.) those whose average is less than 8.

Beginning with the Class of 1918, a student, in order to graduate, must have completed not less than 54 hours, or the equivalent of 18 three-hour courses, subsequent to freshman year, at a grade of not less than 7.

(b) REPORTS OF STANDING. Numerical grades are not made public; but annually, in September, the high honor, honor, and credit men of each class are announced to the College. A student's parent or guardian is notified in September of the scholarship group to which the student belongs, and at the end of each term if the student has any delinquency. He may further be notified at the middle of the term if the student's work in any course is unsatisfactory.

At the end of each term a student may learn from his

instructor the scholarship group in which he stands for the subject then completed (i. e., high honor, honor, credit, or passing above or below 7). The instructor may at his option post this information for the class.

(c) **DELINQUENCY OF FAILURE.** A delinquency of failure is a failure to attain a grade of 6 in a course. If the standing is not below 4, the failure may be removed by passing a delinquent examination at a grade of not less than 6. If the standing is below 4, or if the delinquent examination is not passed, the failure may be removed only by successfully repeating the course as an extra subject in a subsequent term; or, if an elective course, by substituting for it another elective course, extra, with the approval of the Faculty. Failures and delinquencies in Tuesday and Saturday rhetoricals may be satisfied on the first Tuesday or Saturday chapel of first term, the first of second term, or the first after Easter recess.

(d) **DELINQUENT EXAMINATIONS.** Delinquent examinations are held at specified hours on the two days preceding the opening of first term, and on the final day of Easter recess. A student is allowed but one opportunity to pass a delinquent or postponed examination, except at the end of senior year (see 1 f).

(e) **DELINQUENCIES AMOUNTING TO TEN HOURS.** A delinquency of failure in a course of a given number of hours is reckoned as a delinquency of that number of hours. A delinquency of attendance (see 3, a) is reckoned as a delinquency of two hours. Whenever a student's delinquencies amount to **TEN HOURS** he is dropped from his class. He may in no case return to the class from which he was dropped. He may re-enter college in a lower class; but to be re-admitted he must be free from all conditions and failures up to the point at which he re-enters. A student may be dropped from college at any time for general neglect.

(f) DELINQUENCIES OF SENIOR YEAR. Delinquent or postponed examinations of first term senior year must be taken on the Easter delinquent day. If a senior fails at this time he is given a final opportunity, not later than the last Tuesday of the year, to remove the delinquency. He is given a similar final opportunity to remove delinquencies of failure incurred in second term.

To be recommended for a degree with his class, a senior must, by the end of the year, have passed all his required examinations, have removed all previous delinquencies of attendance, and have incurred no delinquency of attendance in his final term.

A senior who fails to receive a degree with his class may be examined only upon a subsequent delinquent day. When he has passed all examinations he will be recommended to receive his degree at the next commencement. A senior who fails to receive a degree with his class by reason of a delinquency of attendance will ordinarily be recommended for a degree at commencement one year later.

(g) POSTPONED EXAMINATIONS. Examinations postponed by permission of the Faculty are subject to the regulations governing delinquent examinations; and if not passed before the course is next offered, the student must repeat the work in class as an extra subject.

(h) HONORS AND PRIZES. To be eligible for a department honor, a student must have passed any postponed examination in a course required for the honor within a year from the time the course was begun in class. To be eligible for any prize examination, writing competition, or appointment to a prize contest, a student must have his record free from all postponed examinations and all delinquencies, either of failure or of attendance. An appointee for any competition who fails to attain a grade of 6 in any course is thereby disqualified.

2. Allowance of Absence

(a) A student, if without delinquencies or entrance conditions, has for each term the following allowance of absence from the assigned exercises in each department:

Morning chapel, 6; Sunday chapel, 2; each exercise of one hour a week, 1; of two hours, 2; of three hours, 3; Biology, 1-2, and all courses in Chemistry, 4. All absences are counted double if taken in the four days just before or after any vacation or recess, or in the two days just before or after any holiday.

(b) This allowance of absence includes neither rhetorical appointments, nor formal reviews, oral or written. It is primarily meant to cover incidental illness; a student uses it otherwise at his own risk. The relation of protracted sickness (ordinarily such as exceeds the term's total allowance) to college standing and to prize competition will be dealt with by equity rather than by precise rule. A "warning" for misconduct takes away for that term all privilege of allowed absence.

3. Delinquency of Attendance and Minimum Allowance

(a) A student who has full allowance of absence and exceeds this in a given term incurs a two-hour delinquency of attendance. In the reckoning of absence, one excess will be offset by two credits of unused allowance in other exercises. Until the removal of his delinquency of attendance a student has only minimum allowance of ten absences in the term, distributed at his option, but subject to the rule concerning zeros in scholarship record (see 1, a). He may remove a delinquency of attendance by not exceeding his minimum allowance in a subsequent term, and in no other way. If he exceeds his minimum allowance by more than five absences, he incurs an additional two-hour delinquency of attendance.

(b) A student who has a delinquency in scholarship or an

entrance condition, also receives only minimum allowance of absence. If he exceeds this minimum by more than five absences in the given term, he receives a two-hour delinquency of attendance.

(c) A student who has been granted "relief from zeros" because of protracted sickness, is allowed five further absences only, for the rest of that term. One who on the Easter delinquent day removes all delinquencies of scholarship and has no delinquency of attendance, receives a further allowance of ten absences for that term.

4. Excuses

(a) Permission for definite anticipated absence in representation of any college organization, athletic, musical, etc., must be sought through the Dean not less than three days in advance. Such plans are subject to consideration and report by the faculty Committee on Undergraduate Activities, and must be duly authorized by the Faculty before definite engagements are made. No student will be excused as a member of an athletic team or other college organization who has a delinquency, or whose absence would, in the opinion of the Faculty, be detrimental to his work; nor may a student play in any match game who has more than one delinquency. A freshman having a condition is not eligible to membership in the football squad. Two students only may be excused, in advance, as delegates to meetings of societies and other college organizations. For such an excuse a written request must be presented through the Dean, signed by the proper officers, stating the names of the proposed delegates, the place and date of meeting, and the minimum of time needed. Applications to the Dean for absences under exceptional necessity, or in order to vote, will be considered, strictly in advance, under the principles of this rule.

(b) All students are required to attend public worship each Sunday afternoon at four, in the College Chapel. Occasional excuses are not granted, but the President may excuse one who statedly conducts religious services elsewhere.

(c) Excuses from examinations are dealt with by the Faculty, but only upon written application presented through the Dean.

(d) No excuses other than those above described are granted.

HONORS AND COMMENCEMENT APPOINTMENTS

Department honors may be awarded at graduation in the following subjects or groups of subjects: Greek; Latin; German; French; Italian and Spanish; Writing English; Public Speaking; English Language and Literature; Philosophy; Ethics and Bible Studies; Economics; History; Mathematics; Biology; Chemistry; Geology and Mineralogy; Physics. An honor requires the attainment of an average standing of not less than 9 in the courses on which the honor is based, and a complete record of examinations in these courses. Students attaining a standing between 8.5 and 9 may also receive the honor, but only on a special recommendation by the head of the department, in which case extra work may be required. Usually all the work offered by a department must be taken; but no student is required to repeat in college a course accepted for admission to the freshman class, nor to take more than four year-courses in Greek, German, French, or English Language and Literature (including English Language 1-2). In Philosophy, courses 7-8 are not reckoned in the honor. In Writing English a student must take all the courses offered, and must submit an acceptable prize essay in each of the first three years and an acceptable Pruyn, Head,

or Kirkland Oration in senior year. In Public Speaking a student must be an appointee to the Clark Prize Oration contest or to the McKinney Prize Debate.

The names of seniors who have high honor, honor, or credit grades for the senior year and for the entire course are announced at the final chapel of the year. The Valedictorian and the Salutatorian are the two members of the graduating class who have attained, respectively, the highest and the next to the highest standing for the entire course.

Commencement speakers are: the Clark Prize Orator; the Pruyn Medal, Head Prize, and Kirkland Prize Orators; the Salutatorian and the Valedictorian; and the Master's Orator. If any one of these is not appointed, or if two appointments fall to one person, the Faculty may appoint others, not exceeding seven in all, from men of high honor grade and excellent rhetorical record.

DEGREES

The Classical Course leads to the degree of Bachelor of Arts; the Latin-Scientific Course to the degree of Bachelor of Philosophy. The degree of Bachelor of Science may be conferred upon one who has taken the entire work of at least two departments in Group C. The Bachelor's degree, *nunc pro tunc*, may be conferred upon a former student who, since leaving college, has pursued a scholarly career sufficiently distinguished to justify the degree. It is not conferred *in absentia*; the fee is \$10, payable in advance.

The Master's degree may be conferred upon graduates of Hamilton, or of another college with equivalent courses, for residence work of one year. A candidate for this degree must pursue work in two related subjects, in one of which he must submit an approved thesis. His studies and the subject of his thesis must be reported to the Faculty early in first term. He must successfully meet the term examinations in his subjects,

and at the end of the year an oral examination before a committee of two members of the Faculty. Bachelors not in residence but otherwise fulfilling these conditions may receive the Master's degree in two years upon payment of regular tuition. Graduates of three years' standing who have continued in study may receive the Master's degree corresponding to their previous degree upon application to the President early in May. They should be present at commencement to receive their degrees in person. They are represented in the commencement exercises by a Master's Orator, appointed by the Faculty. The fee for the Master's degree, in course, is \$10, payable in advance.

Honorary degrees are conferred only upon those who, having accepted advance notification, are present in person to receive them.

FELLOWSHIPS, SCHOLARSHIPS, AND PRIZES

FELLOWSHIPS

THE ROOT FELLOWSHIP. The twenty-second appointment to the Fellowship in Physical Science, founded by the Hon. Elihu Root, D.C.L., '64, is offered under the following regulations:

The fellowship is awarded to a member of the graduating class who has shown marked ability and special aptitude for investigation in one of the departments of physical science. The whole fitness of the man enters into the estimate. Candidates are recommended by professors to the Faculty, who select by ballot, by a two-thirds vote, a nominee whom they refer to the Trustees for confirmation.

The appointment is for one year for study at some university in America or Europe to be approved by the Faculty after the award. If the Faculty see fit to make no nomination from the graduating class, they may recommend to continue the Fellow of the previous year for a second year only. The stipend of \$500 is payable in three equal instalments, in October, February, and May, subject to satisfactory proof of the Fellow's diligence and progress. Near the end of his appointment and before the third payment, the Fellow is required to make to the President a full written report, to be kept in the college records.

THE LOCKE FELLOWSHIP. The eighth appointment to the Fellowship in Greek, founded by Franklin D. Locke, LL.D., '64, is offered under the following regulations:

The fellowship is awarded to a member of the graduating class who has taken the entire course in Greek and has shown high ability. The whole fitness of the man enters into the estimate. It is expected, but not required, that the appointee will undertake the advanced study of Greek with a view to

teaching the subject; and this purpose is considered in making the award. The candidate is recommended to the Faculty by the senior Professor of Greek after conference with the President, and upon a two-thirds vote of approval by the Faculty is referred to the Trustees for their confirmation. If in any year no appointment is made, the interest of the foundation is added to the principal.

The appointment is for one year, for study at some university in Europe or America to be approved by the Faculty after the award. The stipend of \$500 is payable in three equal installments, in October, February, and May, subject to satisfactory proof of the Fellow's diligence and progress. Near the end of his appointment, and before the third payment, the Fellow is required to make to the President a full written report, to be kept in the college records.

SCHOLARSHIPS General Regulations

There are ninety permanent endowments, which are administered so as to furnish to their incumbents tuition for three years, and for the third year of tenure "ordinary room rental" (\$9 a term) to incumbents who are lessees of dormitory rooms. A few of the scholarships are subject to special provisions.

Applications, which should be made to the President in writing, are considered in their order. The President must be personally assured of the fidelity and actual need of applicants. Ordinarily the benefits of these foundations are assigned to needy and meritorious students who have been orderly and diligent and who are without entrance conditions, postponed examinations of long arrears, or delinquencies. Scholarships are not granted to special students. If an incumbent is extravagant, or is guilty of any gross impropriety, or neglects to stand above mediocrity, the aid will be summarily withdrawn. This rule applies to all scholarships, including the prize scholarships.

The state of New York provides in each assembly district five competitive college scholarships, based upon standing in Regents' examinations, and yielding \$100 annually for four years. Successful competitors may enter any college within the state.

Approved candidates for the Christian ministry who need aid, may receive from \$80 to \$100 a year by placing themselves under the care of the Presbyterian Board of Education, the Congregational Educational Society, the Board of the Reformed Church, or other church authorities.

Scholarship Foundations

The amount of each foundation is \$2,000, unless otherwise stated.

25	Founded by Andrew Carnegie.	1	Richard S. Cowles.
1	Leavenworth (for a student of that name), \$10,000.	1	Lamberton and Merriam.
1	S. B. Steere (for a relative or for five others), \$10,000.	1	Alling and Ellinwood.
6	Laura Carter.	1	Roswell P. Flower.
5	Julia J. McCartee, Darling Memorial.	1	Kellogg and Clark.
5	William E. Dodge.	1	Marcus Judson, \$1,900.
2	S. H. Jardin.	1	Vischer and Nichols, \$1,748.
2	Marquand Estate.	1	Geneva Presbytery, \$1,700.
2	Thomas S. Hubbard, \$3,500.	1	C. C. Sheppard, \$1,500.
2	Horace B. Silliman, \$3,000.	1	William Burton, \$1,500.
1	Mrs. S. E. Baird, \$2,500.	1	John J. Knox, \$1,500.
1	Charles D. Gilfillan, \$2,500.	1	James Seymour, \$1,500.
1	John R. Terrett Memorial, by A. P. Sloane.	1	Carlton Rogers, \$1,000.
1	D. Willis James.	1	Powers and Mather, \$1,000.
1	Sylvester Willard Memorial.	1	P. Charles Cole, \$1,000.
1	Henry W. King.	1	Henry Duguid, \$1,000.
1	Mrs. James L. Bradley.	4	Soper Scholarships (for Rome scholars), \$10,000.
1	J. B. Wells.	1	Albert C. Phillips.
1	Alexander Folsom.	4	Melville E. Dayton Memorial (for Utica scholars).
1	Allen and McCall.	1	Mrs. Charlotte B. Sackett Memorial, \$10,000.
		1	Charles Holland Duell, \$10,000.

Three other scholarship foundations are semi-proprietary or reserved for increment.

The quadrennial Clarence A. Seward scholarship, yielding \$560, is awarded to some member of the Alpha Delta Phi Society under conditions set by its authorities.

Senior Prize Scholarships

Four prize scholarships of \$250 each will be awarded in the class of 1917 by vote of the Faculty at the close of junior year, as follows:

The twenty-ninth award of the Greek Scholarship maintained by the Hon. Frederick W. Griffith, '86.

The twenty-eighth award of the Memorial Edward Huntington Mathematical Scholarship founded by Alexander C. Soper, A.M., '67.

The twenty-second award of the Arthur W. Soper Latin Scholarship.

The sixth award of the German Scholarship founded by the Hon. Charles Holland Duell, LL.D., '71.

The awards are made in the order, first, of the values—should these vary—and, second, of the ages of the foundations. No student may be awarded more than one of these scholarships, and no one may at the same time hold any other scholarship.

Each scholarship is awarded to the student of highest standing in the department in which it is offered, unless another of these scholarships is already assigned to him. In this case the award is made to the next highest in the department who has not received an award. To be eligible a student must have taken all the courses of the department concerned up to the end of junior year, including prize examinations, and upon receiving an award must elect the courses of the department through senior year. Eligibility for the Griffith scholarship must include the Greek portion of the Curran Prize Examination, and for the A. W. Soper scholarship, the Latin portion of

that examination. To receive the stipend, an appointee must complete senior year in this college and pay in full the college bills of that year.

Junior Prize Scholarships

TWO OREN ROOT PRIZE SCHOLARSHIPS. These scholarships, of \$100 each, are awarded to the two juniors who have the best record in mathematics during the freshman and sophomore years. To be eligible for the award a student must elect mathematics through junior year.

Freshman Prize Scholarships

FIVE FAYERWEATHER SCHOLARSHIPS. These scholarships, yielding tuition for freshman year, are awarded to the five men of each class who pass the best entrance examinations at the College in September upon fourteen and one-half units of secondary school studies, as specified under Requirements for Admission, provided there are five of satisfactory grade. Failure in any subject cancels an entrance certificate in that subject and imposes a condition. A competitor who incurs more than one condition in this way may not receive an award, and a competitor who incurs one condition may not receive the benefit until that condition is removed. Freshmen admitted in June may enter this September examination. Appointees to these scholarships are eligible to the Maynard and Brockway Entrance Prize competition (see "Prizes," 19, 20, page 72).

THE JOHN W. VROOMAN SCHOLARSHIP. This scholarship, yielding tuition for freshman year, is awarded to the candidate who in September passes, with a grade of 7 or higher, the best oral examination at the College upon the Greek text of the *Gospel of Luke* and upon Homer's *Iliad*, Books 1-3. The *Gospel of Luke* is accepted for entrance in place of Books 2-4 of the *Anabasis*. Approved certificates are accepted for Book 1 of the *Anabasis*, Greek prose composition, ancient history,

and other specified parts of the preparation. To receive the award a candidate must enter without a condition. A competitor for this scholarship may also enter the Maynard and Brockway Entrance Prize competition (see "Prizes," 19, 20) by taking the examinations in the other subjects which he offers for admission.

PRIZES

Regulations Governing Prize Essays and Orations

Conditions of eligibility for any prize competition are stated in "Administrative Rules," 1, *h*, page 55.

All papers in any competition must be upon subjects assigned by the Faculty, and must be left with the President at a given day and hour. They must be typewritten upon one side of sheets about eight by eleven inches, with broad margins for binding. Pages must be properly numbered and fastened securely; they must not be rolled or folded. Each hundred words must be indicated by numbers in the margin. Each paper must be signed with a fictitious name, and accompanied by a sealed envelope similarly marked and containing the name of the author.

Papers not conforming to these requirements and papers submitted late will be returned to the writers without credit. Prize orations must not be published before they are spoken. Successful papers become the property of the Library.

Orations and essays are judged upon absolute as well as relative merit. Lack of competition does not prevent an award, nor does abundant competition assure an award if no competing paper merits it.

Prizes are conferred only upon those present to receive them on commencement day, unless excuses for absence have been granted by vote of the Faculty. Applications for excuse must be presented through the Dean in writing before the final Faculty meeting on Tuesday preceding commencement day.

Prize Foundations

1. **CLARK PRIZE ORATION.** A foundation of \$1,000, begun by Aaron Clark, of New York, and increased by Henry A. Clark, '38, of Bainbridge, furnishes a prize for the senior excelling in original oratory.

Competition is open to seniors who have had appointment as prize speakers and whose work has not subsequently deteriorated, and to that additional one-fifth of the senior class who have the next highest record in speaking in Tuesday and Saturday rhetoricals after the beginning of junior year. The list of those eligible is posted by the second Friday of December.

Orations may contain not more than fifteen hundred words, and must be left with the President before noon of the first day following the Easter recess. They are considered by the Reading Committee of the Faculty, who determine the six best orations, regardless of subject, provided there be six of sufficient merit. The names of successful competitors are announced at the morning chapel on the day following the award by the Faculty.

The orations are delivered on the Wednesday evening nearest to June 1. The prize is awarded by vote of the Faculty at the close of the exhibition, and is then announced.

The subjects for the competition of 1913-14 were: The Concert of the Powers; The Monroe Doctrine in the Twentieth Century; Sir Thomas More; The Problem of the Ex-Convict; The Growing Commercial Value of Personal Integrity; St. Francis of Assisi; The World's New Way through Panama; The Influence of Education on Democracy. For 1914-15: The Greek Orator; The Problem in Mexico; Henrik Ibsen; The Class Struggle in Colorado; The Natural Aristocrat; The New-Made American; Henry W. Grady; Danton. For 1915-16: The Menace of the Social Reformer; The Rights of Small States; Pan-Americanism; The Temperament of the Slav; Francis Thompson; The Story of Holland; What Can China Teach Us? The Prevention of Human Waste.

2. **PRUYN MEDAL ORATION.** A foundation of \$500 by the

late Chancellor John V. L. Pruyn, of Albany, furnishes a gold medal for the senior writing the best oration on "The Political Duties of Educated Young Men."

Subject, 1914, Factors in the Decay of Nations; 1915, The Difficulties of a Public Career in the United States; 1916, The Question of Military Education in our Colleges.

3. HEAD PRIZE ORATION. A foundation of \$1,000 by Franklin H. Head, LL.D., '56, of Chicago, Ill., furnishes a prize for the senior writing the best oration upon a theme relating to Alexander Hamilton.

Subject, 1914, Alexander Hamilton as a Master of Detail; 1915, Hamilton's Distrust of Democracy; 1916, Why the Federalists Fell.

4. KIRKLAND PRIZE ORATION. A foundation of \$500 by the late Mrs. A. R. Kirkland, of Clinton, furnishes a prize for the senior writing the best oration upon a theme in Biblical science.

Subject, 1914, The Genius of the Hebrew Mind as Shown in the Old Testament; 1915, Saint Paul and Protestantism; 1916, Nationalism and Christianity.

Orations submitted by competitors in Pruyn, Head, and Kirkland contests may contain not more than twelve hundred words, and must be left with the President before noon of the first day following the Christmas recess. They are considered by the Reading Committee of the Faculty, whose decision is announced early in second term. A senior may receive not more than one of these awards, though he may write on more than one subject. Each prize oration is delivered at the commencement exercises.

5. MCKINNEY PRIZE DEBATE. A foundation of \$1,500 by the late Charles McKinney, of Binghamton, furnishes two prizes of \$50 and \$25 for seniors excelling in extemporaneous debate.

The proposition for debate is chosen by the Professor of Rhetoric and Oratory and submitted to the Faculty for approval not later than April 1. It is announced to the College at the next morning chapel following its approval.

The prize debaters are the six seniors whose average standing in argumentation and debate is highest for the entire course. The grades to be considered in choosing these contestants are reported to the Registrar at the end of the eighth week of second term. Within a week thereafter the Registrar presents to the Faculty the names of the six men eligible for appointment, and the announcement of their appointment is made at the next morning chapel after their approval by the Faculty. Within a week from this announcement the debaters meet the Professor of Rhetoric and Oratory and determine sides and order of speaking for the debate.

The Prize Debate is held on Friday evening of commencement week, at eight o'clock. Each debater on his first appearance may speak nine minutes; on his second, six. Notes may not be used in the debate. The award is made by a committee of five, not members of the Faculty, and is announced at the close of the debate. In making the decision, the judges determine (1) the stronger side of the argument as presented, and (2) the best and the second best debaters. These receive the prizes of \$50 and \$25 respectively.

6. SOPER PRIZE THESIS. A foundation of \$1,500 by the late Arthur W. Soper, of New York, furnishes a prize of \$75 to the senior submitting the best thesis in advocacy of a protective tariff.

The thesis subject for each class is announced toward the end of sophomore year. Theses are not limited as to length. They must be left with the President before noon of the second Thursday in October of senior year. They are judged by a committee chosen by the Faculty from outside their own number. The decision is made public early in second term, and the prize is awarded upon commencement day, upon condition of the winner's graduation.

Subject, 1914, The Protectionist Features of the Underwood Tariff Bill; 1915, The German Expert Method of Dealing with the Tariff; 1916, The Relation of Protective Tariffs to Wages.

7. UNDERWOOD PRIZE IN CHEMISTRY. A foundation of \$500 by the late George Underwood, '38, of Auburn, furnishes a prize for the senior who excels in chemistry.

8. SOUTHWORTH PRIZE IN PHYSICS. A foundation of \$500 by the late Tertius D. Southworth, '27, furnishes a prize for the senior who excels in physics.

9. DARLING PRIZE IN AMERICAN HISTORY. A foundation by the late Charles W. Darling, of Utica, furnishes a prize of \$10 for the senior having the best full record in American History.

10. WARFIELD-BRANDT GERMAN PRIZE. By Frederick P. Warfield, '96, and in honor of Professor H. C. G. Brandt, a prize of \$50 is offered to senior competition for excellence in German.

11. TOWER PRIZES IN SPANISH AND IN FRENCH. By the Hon. Charlemagne Tower, LL.D., of Philadelphia, two prizes of \$50 each are offered to seniors for excellence in Spanish and in French respectively.

Each award is made on the basis of an examination in second term.

12. TOMPKINS MATHEMATICAL PRIZES. A foundation of \$1,200 by Hamilton B. Tompkins, A.M., '65, of New York, provides two prizes and four medals for juniors who excel in mathematics.

The award is made upon the basis of an examination early in June, involving the mathematics of sophomore and junior years.

13 and 14. CURRAN AND HAWLEY MEDALS IN GREEK AND LATIN. A foundation of \$700 by relatives of the late Col. Henry H. Curran, '62, of Utica, furnishes a gold medal and a silver medal for juniors who excel in classical studies. A foundation of \$500 by the late Martin Hawley, '51, of Baltimore, Md., furnishes silver medals, not exceeding four, for juniors who excel in classical studies.

The award of the Curran medals is determined by written examinations in Greek and Latin; the Hawley medals are given for excellence in the entire Greek and Latin work of a year. The competition in a given year is based upon courses 9-10 (or the alternative 11-12) in Greek, and 5-6 in Latin. The first opportunity to take these courses occurs in junior year; but any senior may enter the competition who in that year is pursuing the requisite courses in both departments.

15, 16, and 17. KELLOGG ESSAY PRIZES, COBB ESSAY PRIZE, AND HUTTON ESSAY PRIZE. A foundation of \$700 by the late Charles C. Kellogg, '49, of Utica, furnishes book prizes for two juniors, one sophomore, and two freshmen who excel in English essays. A foundation of \$500 by the late Willard A. Cobb, '64, of Lockport, furnishes a book prize for the sophomore submitting the best essay upon some subject relating to the newspaper. A foundation of \$500 by the late William Hutton, D.D., '64, of Philadelphia, furnishes a prize of \$25 for the sophomore submitting the best essay on an assigned subject in Biblical history.

One subject is assigned for each prize offered. A competitor may write on more than one subject, but he may receive only one award in any year. An award does not bar a student from competing in a subsequent year.

Essays may contain not more than thirty-five hundred words, and must be left with the President before noon of the first day following the Easter recess. They are considered by a committee chosen by the Professor of Rhetoric and Oratory.

One prize may be awarded for each subject announced, provided there is a competing essay deserving an award; and honorable mention may also be made of a second best essay on each subject. Prizes are awarded on commencement day.

Subjects, 1913-14: Juniors, The Passing of the Patron and its Effect on English Literature; Panics and Politics in America. Sophomores, The War Correspondent; John Bunyan's English. Freshmen, The Coast Guard; David Livingstone. 1914-15: Juniors, The Development

of English Prose Style from Milton to Defoe; The Short Story in German. Sophomores, Trial by Newspaper; The Civilization of Ancient Crete; The England of John Wycliffe and his Work. Freshmen, The Modern Farm; The Jesuit Missionaries in Canada. 1915-16: Juniors, The New Drama; The Spirit of Gothic Architecture. Sophomores, The Maccabees (Hutton); The Newspaper and International Opinion (Cobb); The Influence of the Moors in Europe (Kellogg). Freshmen, The Story of Haiti; The Development of Mechanical Locomotion.

18. **MCKINNEY PRIZE DECLAMATION.** A foundation of \$700 by the late Charles McKinney, of Binghamton, furnishes book prizes for the two students in each of the three lower classes who excel in declamation.

Four contestants are annually chosen from each of the three lower classes upon the basis of their record in Tuesday rhetoricals up to the time of appointment. The competition is held in the College Chapel on the Thursday afternoon of commencement week. The award is made by a committee chosen by the Professor of Rhetoric and Oratory.

19. **MAYNARD ENTRANCE PRIZE.** By Reuben L. Maynard, A.M., '84, of New York, a prize of \$100 is offered to the freshman standing first among the successful competitors for the Fayerweather Prize Scholarships (see "Freshman Prize Scholarships," page 65).

The award is made upon the basis of the September entrance examinations, and is payable at the succeeding commencement on condition that the candidate has been regular and orderly, and has stood high honor for the year.

20. **BROCKWAY ENTRANCE PRIZE.** A foundation by the late Dr. A. Norton Brockway, '57, furnishes a prize of \$25 to the freshman standing second among the successful competitors for the Fayerweather Prize Scholarships (see "Freshman Prize Scholarships," page 65).

The award is made on the basis of the September entrance examinations, and is payable to the candidate upon the orderly completion of freshman year.

GENERAL INFORMATION

SITUATION

The College is located at the very center of New York State, in the county of Oneida, one mile from the village of Clinton. Nine miles to the northeast lies the city of Utica, on the main line of the New York Central, accessible from Clinton both by trolley and by the New York, Ontario & Western railroad.

The College occupies a natural plateau nine hundred feet above the sea and three hundred feet above the immediate valley. Its campus is a park of ninety-five acres, shaded by venerable trees, with an easterly exposure, overlooking the Oriskany and Mohawk valleys. Its eighteen buildings, arranged in quadrangles, are modern and adequate, and with three exceptions are constructed entirely of stone. The naturally healthful conditions secured by the elevation and by air exceptionally pure and dry, are supplemented by a private water supply from spring-fed reservoirs above the College, and by an extensive system of sanitation, constructed in accordance with the best modern practice and officially approved by the state authorities.

BUILDINGS

Dormitories Three dormitories afford exceptional accommodations for the greater part of the student body. Carnegie Hall (1904) and South College (1906) together receive about 120 men. They are fire-proof and equipped with every modern convenience: steam heat, broad fireplaces, hardwood floors, electric light, and bath-rooms. North College (1842), now extensively improved, affords similar accommodations for 54 men at more moderate rental.

All rooms are arranged in suites, which are restricted to two or to three occupants. No deduction is made for occupancy less than that for which a suite is designated. Occupants provide their own furnishings; but full care of rooms is included in the rental. All rooms are leased only for the academic year, and the buildings are closed during vacations. Fuller details and the rules governing the leasing of rooms may be obtained from Edward M. Coughlin, the Bursar of the College.

Science and Recitation Halls Three buildings are devoted to the work of the scientific departments. Root Hall of Science (1897) houses the departments of physics, mathematics, and biology, with an entire floor for each. The Chemical Laboratory (1903), a two-story stone building, is devoted exclusively to the department of chemistry. Knox Hall (remodeled 1885) contains the Museum of Natural History, with the lecture rooms and laboratory for mineralogy and geology. Benedict Hall of Languages (1897) and Truax Hall of Philosophy (1900) provide ample recitation rooms for all other departments of instruction. All buildings are lighted by electricity.

Chapel and Y. M. C. A. The Chapel (1828, enlarged 1897), occupying the central site on the campus, is the home of the religious life of the College. It contains a fine organ and memorial windows. Here are held public lectures and the commencement exercises. It is also the College Church. Silliman Hall (1889), at the west end of the campus, accommodates the Young Men's Christian Association and furnishes a reading room and meeting place for the students.

Commons The Soper Commons (1903), a dignified Gothic dining hall, has accommodations for furnishing table board to two hundred students. It is the center of the

collective social life of the College. Here are held college dinners, large student gatherings, and the alumni luncheon at commencement.

Gymnasium and Athletic Field The Soper Gymnasium (1891, remodeled 1912) is equipped to afford complete facilities for indoor training. The ground floor contains the director's office, a large locker room with two hundred steel lockers, dressing rooms, showers, and a swimming pool. The main exercising room above is fitted with an oval running track, handball and basketball courts, and wall and floor apparatus. A physical examination is required of each student on entrance.

The Steuben Athletic Field, adjoining the main group of buildings, has tennis courts, football field, baseball diamond, a quarter-mile oval and a 220-yard straightaway track.

Observatory The Litchfield Observatory, endowed in 1866 by Edwin C. Litchfield, '32, won worldwide fame in astronomical science under the directorship of the late Dr. C. H. F. Peters. Here forty-eight asteroids were discovered between 1861 and 1889, and other original and invaluable work was done. The Observatory possesses a valuable equipment for astronomical work, but instruction in this science is badly handicapped, as the building is now obsolete. It awaits an endowment that will restore it to its former fame and usefulness.

Library The new Library, recently completed at a cost of \$100,000, is a substantial fire-proof building, well adapted to the needs of the College. It has a large reading room, 30 by 65 feet in size, with an open stack room adjoining, accommodating a selected students' library of about 10,000 volumes; a main stack room with a capacity of 125,000 volumes; several seminar rooms and studies for the use of stu-

dents and faculty; and a memorial hall containing the college collection of portraits and objects of historical interest.

The Library is open every college week-day from eight-fifteen to twelve-thirty, from one-thirty to six, and from seven to nine; on Sundays from two till four; and in vacations daily from eleven to twelve. Instruction is given to all new students in the use of the catalogues and reference books, and in methods of working in the Library. Under certain restrictions students are admitted to the stacks.

At present the Library contains about 67,000 volumes and 20,000 pamphlets. It is card catalogued both by authors and by subjects. About 225 current periodicals are received. Special endowments, supplemented by appropriations from the general funds of the College, provide for its growth. There were added 3,486 volumes during the year 1914-15. In the selection of books primary regard is given to the wants of the several departments of instruction; but recommendations for the purchase of books of general interest, or such as any student desires for his own reading, always receive attention and are acted upon favorably if possible.

SCIENTIFIC COLLECTIONS

The Museum of Natural History, located in Knox Hall, contains valuable scientific collections, the most important of which are classified as follows:

Geology and Mineralogy: 2,500 specimens of fossils and rocks to illustrate the geology of New York; 2,000 specimens of fossils and rocks to illustrate the geology of the United States; 600 fossils, mainly from the early paleozoic formations of Europe; 2,000 or more valuable specimens of fossils and minerals, the gift of John D. Conley, '69; 1,000 fossils mainly from the early paleozoic formations of New York, the gift of Egbert Bagg of Utica; 1,000 ores, building stones, and other minerals of economic value, from many important mining regions of the world; 10,000 minerals from many parts of the world, but especially from New York, largely accumulated by Dr. Oren Root, Sr. One special collection is named "The Oren Root Collection of New York

State Minerals," containing many unusual specimens, some of which are the finest known of their several kinds.

Biology: The Barlow collection, comprising 13,000 insects, presented by the late Hon. Thomas Barlow, of Canastota, supplemented by fine groups of birds and mammals; 500 other specimens of birds, well mounted and labeled; 3,000 land, fresh-water, and marine shells, accurately classified and arranged; a collection of Japanese shells and insects, presented by Rev. Henry Loomis, '66; the extensive Herbarium of the late Dr. H. P. Sartwell, of Penn Yan, well known as a fine exhibition of North American flora; a large and valuable collection of butterflies, presented by Benj. W. Arnold, '86, of Albany; three cases filled with modern sea-weeds, sponges, corals, star-fishes, crustaceans, etc.

In addition, there is a collection of about 2,000 Indian relics, especially arrow-heads, from many parts of the United States, and many miscellaneous objects of interest.

RELIGIOUS INSTRUCTION

The College, while under no denominational control, is distinctly Christian, and regards divine worship as a regular part of the life of its students. It avows its historic debt both to the Christian faith and to the patriotic devotion of its founders, and treats the devout recognition of God, revealed in His world and His word, as elemental and indispensable in the development of true manhood.

As a regular college exercise there is held in the Chapel each week-day morning at eight a brief service, with Bible reading, praise, and prayer. Each Sunday afternoon at four there is public worship, at which all members of the College are required to be present. Biblical instruction is a part of each student's course.

The Young Men's Christian Association maintains an active and influential life. Under its direction voluntary religious meetings and courses of special Bible study are conducted for each college class.

Every Christian man entering the College is urged to become

a member of the College Church, by letters either of commendation or of transfer. The Lord's Supper is celebrated once each term.

STUDENT ORGANIZATIONS

General Association for Undergraduate Activities

The following student organizations are included in the General Association for Undergraduate Activities: the athletic teams, intra-mural sports, the musical clubs, the dramatic club, and intercollegiate debating. The control of these various organizations is in the hands of a council or executive board of the General Association, consisting of three undergraduates, three members of the Faculty, and three alumni. A faculty member is treasurer, and through him all receipts and contributions from whatever source are received and all expenditures made.

Membership in the General Association is open to both undergraduates and alumni on the payment of an annual tax. This tax for undergraduates cannot be more than \$15. Payment of this fee is optional, but expected of every student who is able. Alumni become members by subscribing annually any amount they choose, in return for which they receive an annual ticket of admission to all games and entertainments given by any of these college organizations, either at home or elsewhere. All games and entertainments on College Hill are free to undergraduates.

Literary Clubs Several study clubs help to bring the members of the college community into closer personal touch. These, the German Club, the French Club, the Latin Club, and the English Literature Club, are directed by the heads of the departments concerned, and meet weekly or fortnightly.

Publications The student publications are *Hamilton Life*, a weekly; the *Hamilton Literary Magazine*, a monthly; and the *Hamiltonian*, the annual. The *Blue Book*, a handbook of general college matters, is distributed each fall by the Y. M. C. A.

EXPENSES

Annual college charges include the following:

FOR ALL STUDENTS

Tuition	\$90
Contingent charge.....	30
Undergraduate Activities (maximum tax). .	15

FOR RESIDENTS OF THE DORMITORIES

Room rent in

Carnegie Hall.....	\$84
South College.....	75
North College.....	40 to 50
Electric light, by meter, about.....	8

FOR BOARDERS IN COMMONS HALL

Board, \$5 a week.....	\$175
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Living expenses for students who room and board in society houses or elsewhere may vary slightly from the figures given above. The cost of furnishing dormitory rooms may be from \$30 to \$80 for each occupant. Laboratory fees are charged in some scientific courses, ranging from \$3 to \$20 for the year. The graduation fee is \$10. A student's additional expenses will necessarily be governed by his tastes, resources, and appreciation of the value of money.

All college bills, including bills for board in Commons Hall, are payable semi-annually in advance. The Trustees instruct the Bursar to report the names of all students who at the end of the tenth day of each term are delinquent in the payment of their fees, and the President is instructed to exclude such

students from classes until payment is made. Absences thus incurred are not excused. Voluntary or careless damage done to college property is an extra charge to the individuals or classes responsible. If these are not known, the charge is assessed upon the whole student body, *pro rata*. No deduction in tuition fees is made for absence, either in case a student returns to a class which he has left, or enters late, or is absent under discipline, or is dropped. No student can receive a degree or honorable dismissal whose college bills are unpaid.

PUBLIC LECTURES AND MUSICALES

Under a memorial endowment established by the mother of the late John Ripley Myers, '87, a series of public lectures is given annually before the College by persons of distinction on some subject of general interest, varying from year to year. For 1914-15 the lectures related to the European War.

Occasional evening recitals of chamber music are given at various faculty or fraternity houses.

THE SUMMER SCHOOL OF ENGLISH

The Summer School of English opens for its third year July 3, 1916, and closes August 11. Only English subjects are taught. The School is open to both men and women. A catalogue giving full details may be obtained from the Director, Professor Calvin Leslie Lewis.

DIRECTORY

The post-office address of the College is Clinton, New York. The railroads are: the New York, Ontario & Western (Utica Branch), and the U. & M. V. trolley — Utica to Clinton. Electric cars leave Utica at a quarter before and a quarter past the hour; they leave Clinton on the even hour and half-hour.

Adams Express via the N. Y., O. & W. R. R. Electric Express from Utica via the U. & M. V. trolley.

All correspondence should be addressed to the President.

DEGREES, HONORS, AND PRIZES

1914-1915

Degrees in Course

BACHELOR OF ARTS

Myron Whitlock Adams	John Butler Jessup
Raymond Albert Brockway	John Lewis Keddy
Reginald Audley Clarke	Dudley Baldwin Kimball
Erwin Ramsdell Goodenough	William Hobart Little
Harold Wheaton Gray	Karl Reed McNair
Robert Winfield Higbie, Jr.	John Hollister Patton
Herman Silas Hulbert	Robert Edward Schwenk

BACHELOR OF PHILOSOPHY

Gerold Emil Dieterlen	Frederick Paddock Lee
John George Erhardt	Walter Ellsworth Ogilvie, Jr.
Charles Kellogg Hudson	George Leonard Potter
Ivan Morgan Ingersoll	William V. L. Turnbull
Wallace Bradley Johnson	William Russell White
Felix LaForce	David Avery Woodcock

BACHELOR OF SCIENCE

Louis Fulton	Jay Glen Prescott
	Willett Benjamin Sherwood

MASTER OF ARTS

Anthony Nicholas Petersen, '95	Harold Foote Johnson, '11
Richard Matthews Elsea, '07	Paul Russell Baird, '12
Harold Guthrie Aron, '09	Warren Coutant DuBois, '12
Leo Owen Coupe, '10	David Horace Hallock, '12
	Willard Bostwick Marsh, '12

MASTER OF PHILOSOPHY

Alexander Faickney Osborne, '09	Thomas William Quinn, '09
	Harry Cole Bates, '12

The Master's Oration was delivered by Willard Bostwick Marsh, A.B., '12

Honorary Degrees**DOCTOR OF DIVINITY**

Henry Loomis, '66, Yokohama, Japan, as of 1914
 Irving Francis Wood, '85, Ph.D., Northampton, Mass.
 Charles McKenzie, '96, Johnstown, N. Y.

DOCTOR OF HUMANE LETTERS

Robert Webber Moore, Ph.D., Hamilton, N. Y.

HONORS**Scholarship Honors for the Course****CLASS OF 1915****Honor**

(Grade of 8.6 to 9.2)

Reginald Audley Clarke	Karl Reed McNair
Erwin Ramsdell Goodenough	Willett Benjamin Sherwood
Dudley Baldwin Kimball	David Avery Woodcock

Credit

(Grade of 8 to 8.6)

Myron Whitlock Adams	Herman Silas Hulbert
Gerold Emil Dieterlen	John Lewis Keddy

Scholarship Honors for the Year 1914-1915**CLASS OF 1915****High Honor**

Erwin Ramsdell Goodenough	David Avery Woodcock
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Honor

Myron Whitlock Adams	Karl Reed McNair
Reginald Audley Clarke	Willett Benjamin Sherwood

Credit

Gerold Emil Dieterlen	Dudley Baldwin Kimball
Robert Winfield Higbie	Frederick Paddock Lee
Herman Silas Hulbert	George Leonard Potter
John Lewis Keddy	William Russell White

CLASS OF 1916**High Honor**

Vilas Matheson Swan

Honor

Franklin Mosher Baldwin	Evan Ellis Jones
John Hamish Gardner	Charles McLouth, Jr.
Owen Griffith Groves	Louis Heyl Nichols
Charles Arthur Hawley	George Van Wyck Pope
	Philip Waldron Stone

Credit

David Farrington Aldrich	Peter William Daniels
Frederick Ray Crumb	Milton Merwin Eells

CLASS OF 1917**High Honor**

Stanley Stewart Saunders

Honor

James Marshall Campbell	Gilbert Russell Lyon
Ernest Stacey Griffith	Edwin Roberts Moore
William Stuart Holden	Pennock Hart Orr
Charles Albert Leonard	Thomas Lazear Orr
	Chauncey Shaffer Truax

Credit

William McLaren Bristol	Raymond Johnson Hood
Raymond Roscoe Dise	John Angel Jones
Edward Joseph Emeny	James Daniel Seaver
	Paul Chatham Squires

CLASS OF 1918**High Honor**

Paul DeWitt Hasbrouck	Philip Caryl Jessup
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Honor

Theron Link	Harold Charles Sherman
Thomas Edison Roberts	Frederic George Yeandle

Credit

Walter Dean Bull	Frank Guy Moore
Harold Swan Dodge	Arthur Pier Root
	Newell Holmes Timerman

Department Honors

CLASS OF 1915

ETHICS AND BIBLE. Myron Whitlock Adams, Erwin Ramsdell Goodenough, Willett Benjamin Sherwood.

FRENCH. Reginald Audley Clarke.

GERMAN. Willett Benjamin Sherwood.

PHILOSOPHY. George Leonard Potter.

PSYCHOLOGY, LOGIC, AND PEDAGOGY. Erwin Ramsdell Goodenough, Willett Benjamin Sherwood.

PHYSICS. Myron Whitlock Adams.

PRIZES

ROOT FELLOWSHIP. Willett Benjamin Sherwood.

LOCKE FELLOWSHIP. No award.

FREDERICK W. GRIFFITH GREEK SCHOLARSHIP. Charles Arthur Hawley.

EDWARD HUNTINGTON MATHEMATICAL SCHOLARSHIP. Louis Hey Nichols.

ARTHUR W. SOPER LATIN SCHOLARSHIP. David Farrington Aldrich.

CHARLES HOLLAND DUELL GERMAN SCHOLARSHIP. Vilas Matheson Swan.

OREN ROOT MATHEMATICAL SCHOLARSHIPS. Ernest Stacey Griffith, Stanley Stewart Saunders.

SIXTIETH CLARK PRIZE ORATION. Erwin Ramsdell Goodenough.

The other appointees to the contest: Messrs. Hulbert, Jessup, Keddy, Kimball, McNair.

FIFTY-THIRD PRUYN MEDAL ORATION. No competition.

FIFTY-SECOND HEAD PRIZE ORATION. John Lewis Keddy.

FORTY-SEVENTH MCKINNEY PRIZE DEBATE. *First*, Dudley Baldwin Kimball; *Second*, Karl Reed McNair.

The other appointees to the contest: Messrs. Goodenough, Keddy, Lee, Woodcock.

TWENTY-THIRD SOPER THESIS PRIZE. No competition.

UNDERWOOD PRIZE IN CHEMISTRY. Willett Benjamin Sherwood.

SOUTHWORTH PRIZE IN PHYSICS. Myron Whitlock Adams.

DARLING PRIZE IN AMERICAN HISTORY. Gerold Emil Dieterlen.

WARFIELD-BRANDT PRIZE IN GERMAN. Willett Benjamin Sherwood.

TOWER PRIZE IN FRENCH. Karl Reed McNair.

TOWER PRIZE IN SPANISH. No award.

TOMPKINS MATHEMATICAL PRIZES. *First*, Louis Heyl Nichols; *Second*, Ripple Cary Smith; *Medal*, Geoffrey Airlie Ogilvie.

CURRAN MEDALS IN GREEK AND LATIN. *Gold*, Frederick Ray Crumb; *Silver*. No award.

HAWLEY CLASSICAL MEDALS. No award.

KELLOGG ESSAY PRIZES.

Juniors. Subject, "The Short Story in German." *Prize*, Louis Heyl Nichols; *Mention*, Charles Arthur Hawley.

Subject, "The Development of English Prose Style from Milton to Defoe." *Prize*, Owen Griffith Groves.

Sophomore. Subject, "The Civilization of Ancient Crete." *Prize*, Willis Knapp Jones.

Freshmen. Subject, "The Jesuits in Canada." *Prize*, Newell Holmes Timerman; *Mention*, Frank Carl Colridge.

Subject, "The Modern Farm." *Prize*, Paul Dewitt Hasbrouck.

COBB ESSAY PRIZE. Subject, "Trial by Newspaper." *Prize*, James Daniel Seaver.

HUTTON ESSAY PRIZE. Subject, "The England of John Wyclif and His Work. *Prize*, James Marshall Campbell; *Mention*, Robert Leet Patterson.

MCKINNEY PRIZE DECLAMATION.

Juniors. *First*, Charles McLouth, Jr.; *Second*, Francis Paton Kimball.

Sophomores. *First*, Adariah Cotter Woolnough; *Second*, James Marshall Campbell.

Freshmen. *First*, Francis Stanley Griffin; *Second*, Gerard Fruin Hubbard.

MAYNARD ENTRANCE PRIZE. No award.

BROCKWAY ENTRANCE PRIZE. Paul DeWitt Hasbrouck.

FAYERWEATHER SCHOLARSHIPS. Roswell Roy Perkins; Daniel LeRoy Shirley; Theodore H. Skinner.

VROOMAN SCHOLARSHIP. Norman Curtis Giddings.

MAYNARD ENTRANCE PRIZE. *Candidate*, Roswell Roy Perkins.

BROCKWAY ENTRANCE PRIZE. *Candidate*, Theodore Hawthorn Skinner.

ASSOCIATIONS OF ALUMNI

GENERAL SOCIETY OF ALUMNI

President, Frederick W. Griffith, '86.

Vice-Presidents, J. H. Gardner, '78, Frank H. Robson, '87; W. E. Kimball, '76.

Recording Secretary and Necrologist, William H. Squires, '88, Clinton.

Corresponding Secretary, William P. Shepard, '92, Clinton.

Executive Committee, Edward Fitch, '86, M. Woolsey Stryker, '72, William H. Squires, '88, Calvin L. Lewis, '90, William P. Shepard, '92.

Half-Century Annalist, H. H. Kellogg, '66.

The membership includes all who have received degrees from the College.

The annual meeting is held on Saturday of commencement week in the Chapel; in 1916 on June 17 at 10:30 a. m.

At each annual meeting a Trustee of the College is elected, to hold office for four years. Only graduates of the College of ten years' standing are eligible to election. Graduates of three years' standing are entitled to vote. The polls are open from 11 a. m. to 12 m. A voter not intending to be present at the election may forward his ballot, signed in his own handwriting, to any officer of the Society of Alumni residing in Clinton, who must endorse the same before depositing. Three inspectors of election, appointed by the Trustees of the College, receive and canvass the votes, declare the result, and report the same in writing to the Board of Trustees.

The following regulations governing the nomination of candidates for Alumni Trustee were adopted by the General Society of Alumni on June 19, 1915:

1. Any organized alumni association, or any group of alumni numbering at least ten, may propose the name of a candidate.
2. The names of candidates so proposed, with information concerning their records or availability, may be filed with the Chairman of the Executive Committee of the General Society of Alumni on or before the fifteenth day of April preceding the election.

3. In the list of candidates the name of the retiring Trustee shall be placed first, with a statement as to his willingness to accept a reelection; and afterwards the other names proposed in the order of their respective classes.

4. This method of nomination shall not be regarded as exclusive, nor does it impair the right of any voter to vote for any person not named in the list.

Not later than May 10 of each year a blank ballot, together with a list of the candidates and a statement regarding each, is sent to each voter.

LOCAL ASSOCIATIONS

New York City

President, Dwight Holbrook, '75, Ossining.

Secretary, Edward E. Stowell, '01, 43 Exchange Place, New York.

New York State Academic Principals

President, Calvin Leslie Lewis, '90, Clinton.

Secretary, James D. Erskine, '11, Syracuse.

Chicago and the West

President, Henry Kitchell Webster, '97, Evanston, Ill.

Secretary, Ernest O. Heyl, '99, 9014 S. Robey St., Chicago, Ill.

Central New York

President, Frederick M. Calder, '82, Utica City Natl. Bank Bldg., Utica.

Secretary, Seward A. Miller, '99, 108 Genesee Street, Utica.

New England

President, N. Emmons Paine, '74, West Newton, Mass.

Secretary, Paul D. Kneeland, '09, 21 Eaton Street, Winchester, Mass.

Washington and Vicinity

President, Ralph W. Stone, '99, 2739 Macomb St., Washington, D. C.

Secretary, D. Clyde Jones, '10, 3622 Rock Creek Road, Washington, D. C.

Broome County

President, Frank M. Smith, '84, 174 Main St., Johnson City.

Secretary, Charles Mangan, '12, Phelps Bldg., Binghamton.

Brooklyn

President, Alexander Wouters, '93, 193 Rutland Road, Brooklyn.

Secretary, William H. Stone, '10, 62 Pierrepont St., Brooklyn.

Syracuse

President, A. Judd Northrup, '58, Syracuse.

Secretary, Bradford W. Sherwood, '82, 1441 S. Salina St., Syracuse.

Pacific Coast

President, Thomas E. Hayden, '91, 830 Monadnock Building,

San Francisco, Cal.

Secretary, Melvin G. Dodge, '90, 2615 J Street, Sacramento, Cal.

Rochester

President, Warren S. Stone, '99, First Presbyterian Church, Rochester.

Secretary, John N. McMath, '10, 373 Oxford Street, Rochester.

Eastern New York

President, Francis W. Joslin, '81, Morning Record Office, Troy.

Secretary, J. Howard Hahn, '13, 410 Hudson Avenue, Albany.

Western New York

President, Philip A. Laing, '80, City Hall, Buffalo.

Secretary, George H. Sicard, '06, 153 Anderson Place, Buffalo.

Upper Missouri Valley

President, Nathaniel McGiffin, '93, Fremont, Neb.

Secretary, Dean R. Leland, '89, Lincoln, Neb.

STUDENTS

(c—Classical Course; L.S.—Latin-Scientific Course)

FELLOW

Willett Benjamin Sherwood, B.S., 1915, Ridgewood, N. J.
Root Fellow in Physical Science, Harvard University.

SENIORS, CLASS OF 1916

Aldrich, David Farrington, L.S.	Palmyra	Δ K E House
Baldwin, Franklin Mosher, L.S.	<i>E. Orange, N. J.</i>	7 Carnegie
Banks, Harold Albert, c.	<i>E. Orange, N. J.</i>	1 Carnegie
Baumer, Charles Joseph, c.	Syracuse	Ψ T House
Bergner, Charles Stanley, c.	Utica	Emerson Hall
Covert, Hudson, L.S.	<i>Chicago, Ill.</i>	6 Carnegie
Crumb, Frederick Ray, c.	Oxford	Emerson Hall
Daniels, Peter William, c.	Hempstead	21 Carnegie
Davis, Homer Woodhull, c.	Coram	Δ T House
Davis, Leon Arthur, L.S.	<i>W. Winfield</i>	6 South
Eells, Milton Merwin, L.S.	Utica	6 Carnegie
Fenn, Henry Courtenay, c.	Pittston, Pa.	5 Skinner
Fulton, Philip Allison, L.S.	Massena	6 South
Gardner, John Hamish, c.	Fort Covington	Silliman Hall
Getman, Herbert Clapsaddle, L.S.	Oneonta	Θ Δ X House
Gow, Millard Robert, L.S.	Hallacott Center	Θ Δ X House
Gow, Willard Archibald, L.S.	Hallacott Center	Θ Δ X House
Griffith, Frederick Adams, c.	Palmyra	Δ T House
Groves, Owen Griffith, c.	Seattle, Wash.	Δ T House
Hawley, Charles Arthur, c.	Verona	Chapel
Henty, Ralph Henry, L.S.	Knoxboro	Δ K E House
Higgins, Wilfred Rowell, L.S.	Minneapolis, Minn.	A Δ Φ Hall
Insley, Robert, L.S.	Nanuet	Emerson Hall
Jones, Evan Ellis, c.	Utica	Emerson Hall
Kimball, Francis Paton, c.	Sauquoit	6 South
Knapp, Charles Dell, c.	<i>W. Winfield</i>	Emerson Hall
McKennan, Thatcher, c.	Utica	Ψ T House
McLouth, Charles, Jr., c.	Palmyra	Δ K E House

McMillan, George Scholefield, c.	<i>Yonkers</i>	A Δ Φ Hall
Mattoon, Elbert Barney, c.	<i>Windham</i>	26 Skinner
Miller, Arthur, c.	<i>Dolgeville</i>	Emerson Hall
Nichols, Louis Heyl, L.S.	<i>Buffalo</i>	10 Carnegie
Ogilvie, Geoffrey Airlie, L.S.	<i>Richmond Hill</i>	X Ψ Lodge
Paige, Montfort Schley, L.S.	<i>New York</i>	Θ Δ X House
Peck, Vincent Stone, L.S.	<i>Utica</i>	1 South
Pope, George Van Wyck, L.S.	<i>Glencoe, Ill.</i>	11 South
Robson, William Nelson, L.S.	<i>Worcester, Mass.</i>	Δ T House
Rushmore, John William, Jr., L.S.	<i>Palmyra</i>	19 Carnegie
Smith, Ripple Cary, c.	<i>W. Pittston, Pa.</i>	15 South
Stone, Philip Waldron, L.S.	<i>Cornwall-on-Hudson</i>	A Δ Φ Hall
Swan, Vilas Matheson, c.	<i>Ogdensburg</i>	Ψ T House
Thorne, Robert Sherman, c.	<i>Geneva</i>	13 Carnegie
Whitcomb, Joseph Eagar, L.S.	<i>Batavia</i>	X Ψ Lodge
Williams, Frederick Elmer, c.	<i>Walton</i>	7 Skinner

JUNIORS, CLASS OF 1917

Adams, John Robert, c.	<i>Boston, Mass.</i>	3 Carnegie
Baumer, Louis James, c.	<i>Syracuse</i>	Ψ T House
Behan, Joseph Christopher, Jr., L.S.	<i>Troy</i>	15 Carnegie
Bissell, Philip TenBroeck, c.	<i>Pittsburgh, Pa.</i>	21 South
Boyce, John, c.	<i>New York</i>	Δ T House
Bristol, William McLaren, Jr., L.S.	<i>Brooklyn</i>	10 South
Brockway, Louis Newell, c.	<i>Clinton</i>	30 Williams St.
Burritt, Norman Wyvell, c.	<i>Franklinville</i>	Δ K E House
Campbell, James Marshall, c.	<i>Warsaw</i>	Emerson Hall
Dayton, William Hale, c.	<i>Auburn</i>	18 South
Dise, Raymond Roscoe, c.	<i>Little Falls</i>	29 South
Donoghue, Joseph Cyril, c.	<i>Whitestone</i>	Δ K E House
Donohue, Walter Emmett, c.	<i>New York</i>	5 South
Emeny, Edward Joseph, L.S.	<i>Chadwicks</i>	17 Carnegie
Griffith, Ernest Stacey, c.	<i>Utica</i>	9 Skinner
Hamlin, Charles Hoffman, L.S.	<i>Clinton</i>	5 South
Holden, William Stuart, L.S.	<i>Turin</i>	29 South
Hood, Raymond Johnson, c.	<i>Brooklyn</i>	Chapel
Horton, Lynn Culver, L.S.	<i>W. Oneonta</i>	24 South
Jones, John Angel, c.	<i>Clinton</i>	Marvin St.
Jones, Willis Knapp, c.	<i>Moravia</i>	5 Skinner
Leonard, Charles Albert, L.S.	<i>New Rochelle</i>	3 Carnegie

Lewis, William Leslie, c.	<i>Clinton</i>	College Hill
Luce, Daniel, Jr., c.	<i>Oneonta</i>	$\Theta \Delta X$ House
Lyon, Gilbert Russell, c.	<i>Chicago, Ill.</i>	18 South
Meola, Librادر, L.S.	<i>Ashtabula, O.</i>	32 Skinner
Miller, Frederick Munger, L.S.	<i>Utica</i>	15 Carnegie
Moore, Edwin Roberts, c.	<i>Oneonta</i>	20 Carnegie
Muir, Thomas Le Roy, c.	<i>Roxbury</i>	Emerson Hall
Musselman, John Joseph, c.	<i>Utica</i>	6 Skinner
Norton, George Eliot, c.	<i>Vernon Center</i>	24 South
Orr, Thomas Lazear, c.	<i>Pittsburgh, Pa.</i>	13 South
Patterson, Robert Leet, c.	<i>Shields, Pa.</i>	15 South
Pendleton, Isaac Stanton, c.	<i>Oneonta</i>	$\Theta \Delta X$ House
Pohl, Leland Lamont, L.S.	<i>Vernon</i>	13 Carnegie
Saunders, Stanley Stewart, c.	<i>Clinton</i>	College Hill
Seaver, James Daniel, L.S.	<i>Brooklyn</i>	$\Psi \Gamma$ House
Shields, Edwin Bruce, L.S.	<i>Pittsburgh, Pa.</i>	$\Psi \Gamma$ House
Sottong, Peter, L.S.	<i>E. Orange, N. J.</i>	19 Skinner
Squires, Paul Chatham, c.	<i>Clinton</i>	College Hill
Stackhouse, Howard Gibson, c.	<i>Utica</i>	13 South
Tallmadge, John Allen, L.S.	<i>Morristown, N. J.</i>	13 Skinner
Truax, Chauncey Shaffer, c.	<i>New York</i>	14 South
Weed, Clayton Bagshaw, c.	<i>Newburgh</i>	$\Psi \Gamma$ House
Whitcombe, Wilcox Langbridge, c.	<i>Batavia</i>	$X \Psi$ Lodge
Whitman, Clifton Bion, L.S.	<i>Groton</i>	17 Carnegie
Woolnough, Adariah Cotter, L.S.	<i>Ilion</i>	19 Skinner
Young, Carleton Clark, c.	<i>Lincoln, Neb.</i>	2 Carnegie
Yule, Leslie Willard, L.S.	<i>Jordanville</i>	$\Theta \Delta X$ House

SOPHOMORES, CLASS OF 1918

Barto, Wheeler Everitt, c.	<i>Ossining</i>	19 South
Beach, Clinton Redford, c.	<i>Seneca Falls</i>	$\Theta \Delta X$ House
Briggs, William Wright, c.	<i>Bridgewater</i>	21 South
Brooks, Kenneth Julius, c.	<i>Albion</i>	24 Skinner
Bruins, John Herman, c.	<i>Theresa</i>	24 South
Bull, Walter Dean, L.S.	<i>New Rochelle</i>	$A \Delta \Phi$ Hall
Butts, Stuart Woodin, c.	<i>Oneonta</i>	20 Carnegie
Calkins, William Sidney, L.S.	<i>Rochester</i>	$\Psi \Gamma$ House
Carrington, Frank Edwin, c.	<i>Groton</i>	32 Skinner
Cavanagh, Reginald, L.S.	<i>Boonville</i>	16 Carnegie
Clay, Arthur Ralph, c.	<i>East Aurora</i>	21 Carnegie

Clum, Earl Hoag, L.S.	<i>Saugerties</i>	8 South
Collins, Lewis Steele, c.	<i>Batavia</i>	X Ψ Lodge
Colridge, Frank Carl, c.	<i>Hartford</i>	26 Skinner
De Santis, Joseph, c.	<i>New York</i>	Emerson Hall
Dodge, Harold Swan, c.	<i>Utica</i>	9 Carnegie
Eddy, Sidney Munroe, L.S.	<i>Albion</i>	Ψ T House
Flesh, George Albert, L.S.	<i>Piqua, O.</i>	1 South
Fursman, James Sherrill, L.S.	<i>Hudson Falls</i>	Ψ T House
Gilbert, Falconer Rees, L.S.	<i>Wilkes Barre, Pa.</i>	X Ψ Lodge
Griffin, Francis Stanley, c.	<i>Clinton</i>	College Hill
Griffith, Henry Watson, c.	<i>Palmyra</i>	16 Carnegie
Hasbrouck, Paul De Witt, c.	<i>Poughkeepsie</i>	4 Carnegie
Hawks, Burt Daniel, c.	<i>Ilion</i>	Emerson Hall
Hill, Weston Whittemore, c.	<i>Roselle, N. J.</i>	X Ψ Lodge
Hudson, Herbert Miller, Jr., c.	<i>Albion</i>	21 Carnegie
Huntsman, William Leo, c.	<i>Auburn</i>	5 Skinner
Insley, Norman, L.S.	<i>Nanuet</i>	21 Carnegie
Jessup, Philip Caryl, c.	<i>New York</i>	2 South
Jones, Thomas Banford, c.	<i>Utica</i>	9 Carnegie
Kelly, Joseph Reed, c.	<i>New York</i>	A Δ Φ Hall
Kingston, Sidney David, Jr., L.S.	<i>Little Falls</i>	11 Carnegie
Link, Theron, c.	<i>Binghamton</i>	8 South
Lowell, Mark Worden, L.S.	<i>Chicago, Ill.</i>	16 Carnegie
Ludlow, Francis Eugene, c.	<i>Deposit</i>	23 Skinner
Manion, James Edwin, c.	<i>Ferndale</i>	3 South
Martindale, Stephen, Jr., c.	<i>La Crosse, Wis.</i>	2 Carnegie
Moore, Frank Guy, c.	<i>Union</i>	20 South
Page, William Noble, L.S.	<i>New Rochelle</i>	2 South
Peck, Charles Marshall, L.S.	<i>Deansboro</i>	23 Skinner
Powers, David Edward, Jr., c.	<i>Clinton</i>	9 Elm St.
Roberts, Thomas Edison, c.	<i>New Hartford</i>	10 Skinner
Root, Arthur Pier, L.S.	<i>Cooperstown</i>	21 South
Russell, Milton Dimmick, L.S.	<i>Honesdale, Pa.</i>	9 Carnegie
Schwartz, Carleton Dudley, c.	<i>Clinton</i>	31 Fountain St.
Searle, James Holland, c.	<i>Clinton</i>	College St.
Smith, Hadley Edwin, c.	<i>Cortland</i>	20 South
Timerman, Newell Holmes, c.	<i>Buffalo</i>	4 Carnegie
Thompson, James, c.	<i>New York</i>	3 South
Van Auken, George Lord, L.S.	<i>La Crosse, Wis.</i>	7 Carnegie
Woods, E. Haladay, c.	<i>Delhi</i>	4 Carnegie
Yeandle, Frederic George, c.	<i>New Hartford</i>	10 Skinner

FRESHMEN, CLASS OF 1919

Ackler, Harold Haggerty, c.	<i>Ilion</i>	Θ Δ X House
Bentley, Frederick, c.	<i>Tuxedo</i>	Δ T House
Bratton, John William, c.	<i>Brooklyn</i>	Emerson Hall
Chester, George Randolph, Jr., c.	<i>New Rochelle</i>	X Ψ Lodge
Clegg, Russell Edwin, L.S.	<i>Pelham</i>	Ψ T House
Dayton, Harry Almond, L.S.	<i>Auburn</i>	X Ψ Lodge
Ferguson, Leonard Cuthbert, c.	<i>Hammond</i>	Δ T House
Fuller, Dean Mattison, c.	<i>Carlton Station</i>	Ψ T House
Giddings, Norman Curtis, c.	<i>Baldwinsville</i>	28 South
Grant, Donald Ripley, c.	<i>Johnstown</i>	Θ Δ X House
Grant, Fulton Fletcher, c.	<i>Ridgewood, N. J.</i>	Δ T House
Hamlin, Paul Mahlon, c.	<i>Pittston, Pa.</i>	28 Skinner
Harbordt, Charles Eugene, c.	<i>North Troy</i>	27 Skinner
Hutchinson, Oliver Wesley, c.	<i>Holyoke, Mass.</i>	28 South
Ives, Irving McNeil, c.	<i>Bainbridge</i>	Θ Δ X House
Keeler, Charles Addison, c.	<i>Binghamton</i>	Δ K E House
Kingsbury, John McConnell, c.	<i>Morrisville</i>	Emerson Hall
MacKie, Robb Steere, L.S.	<i>Pittsburgh, Pa.</i>	Silliman Hall
McLean, William Melville, Jr., L.S.	<i>Binghamton</i>	X Ψ Lodge
Miller, Barton Duncan, c.	<i>Deansboro</i>	19 Carnegie
Morrow, James Kenneth, L.S.	<i>Walton</i>	Θ Δ X House
Ogden, Henry Bradley, L.S.	<i>Utica</i>	10 South
Pape, Leslie Manock, c.	<i>Utica</i>	9 Skinner
Parks, Gardner Fenner, c.	<i>Newport</i>	Δ K E House
Farnelee, Edward Kimball, L.S.	<i>Kenilworth, Ill.</i>	11 South
Perkins, Roswell Roy, L.S.	<i>Ogdensburg</i>	Ψ T House
Pierce, Albert Hopkins, L.S.	<i>Flushing</i>	X Ψ Lodge
Rariden, James Van Devanter, L.S.	<i>New York</i>	Δ K E House
Reed, Harold Harper, c.	<i>Lyndhurst, N. J.</i>	Δ T House
Riley, John Stewart, L.S.	<i>Rockford, Ill.</i>	Δ K E House
Shirley, Daniel LeRoy, L.S.	<i>Arlington</i>	Θ Δ X House
Skinner, Theodore Hawthorn, c.	<i>E. Las Vegas, N. M.</i>	13 Skinner
Spinning, Ralph Edmund, c.	<i>Rome</i>	Emerson Hall
Stone, Andrew Waldron, L.S.	<i>Cornwall-on-Hudson</i>	1 Carnegie
Stratton, Chester Hodge, L.S.	<i>Oxford</i>	6 Skinner
Valentine, Rushmore Rowley, c.	<i>Patchogue</i>	Δ T House
Warfield, Ethelbert Dudley, Jr., L.S.	<i>Chambersburg, Pa.</i>	Ψ T House
Welsh, William Palmer, c.	<i>Binghamton</i>	Δ K E House
Wheeler, Stuart Sterry, c.	<i>Endicott</i>	Emerson Hall
White, James Barlow, L.S.	<i>Champlain</i>	Δ K E House
Winton, David Knox, L.S.	<i>Duluth, Minn.</i>	10 Carnegie

SPECIAL STUDENTS, FIRST YEAR

McNair, Robert Leslie	Warren, O.	14 South
Pardee, Sydney Kellogg	New York	Θ Δ X House

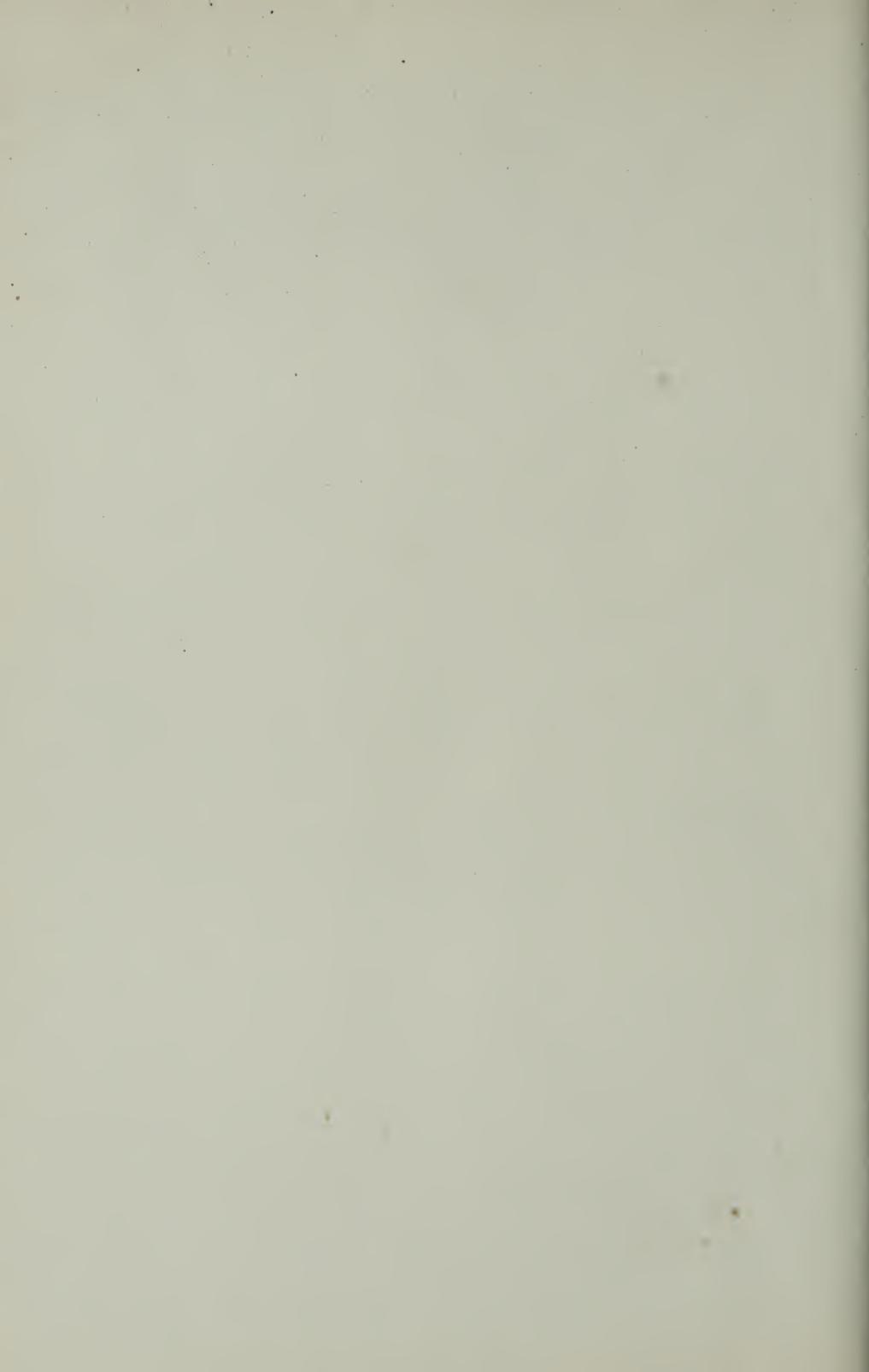
SUMMARY OF STUDENTS

	CLASSICAL	LATIN-SCIENTIFIC	TOTAL
Fellow	1
Seniors	23	21	44
Juniors	32	17	49
Sophomores	36	16	52
Freshmen	24	17	41
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